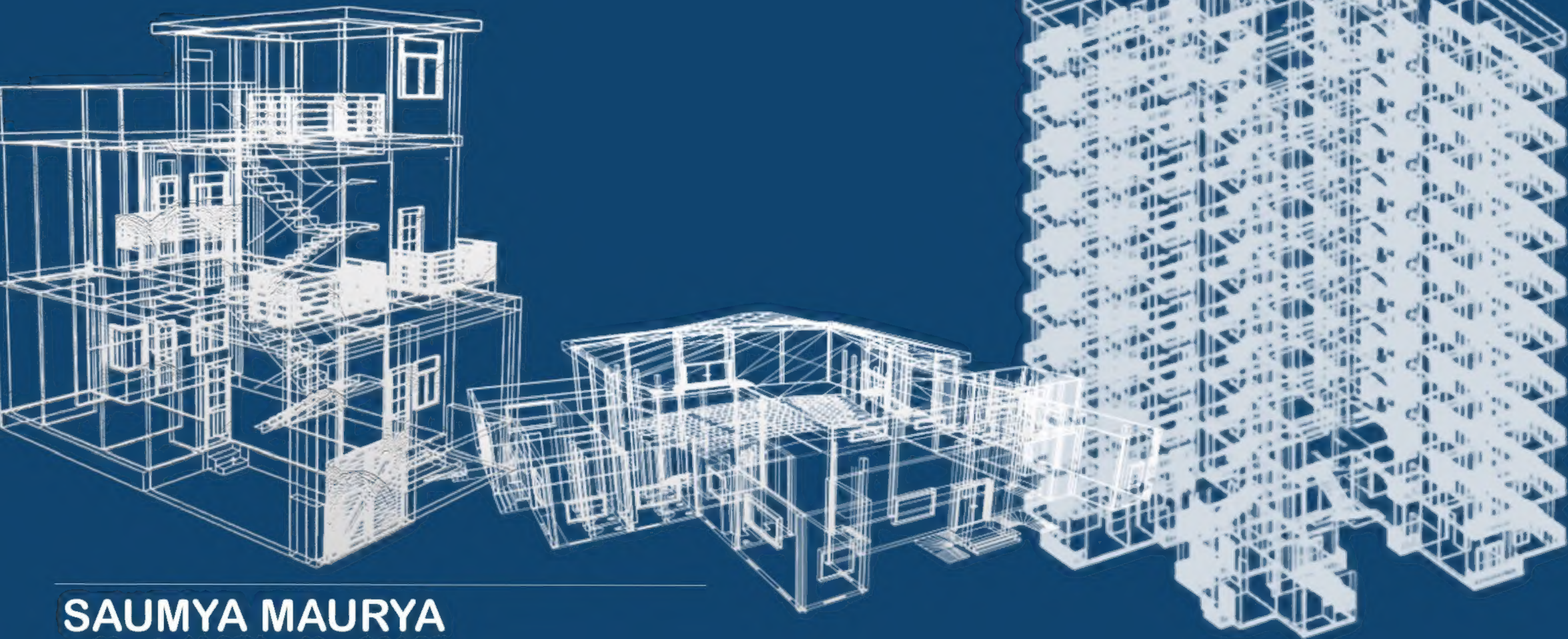


Portfolio.

Architecture | 2025



SAUMYA MAURYA



SAUMYA MAURYA

FOURTH YEAR ARCHITECTURE STUDENT

I'm a 4th-year student at the Faculty Of Architecture And Planning, eager to learn and grow through hands-on experience. I'm excited to share my internship portfolio and would be grateful for the opportunity to contribute meaningfully to your work. Looking forward to the possibility of working and learning under your guidance.



06 JUNE 2006



6307248831



KHURRAM NAGAR
LUCKNOW



saumyamaurya5528@gmail.com

EDUCATION

BACHELORS

2022-27
FACULTY OF ARCHITECTURE AND PLANNING (AKTU)
LUCKNOW

HIGH SCHOOL

2020
GOLDEN FLOWER PUBLIC SCHOOL
PALIA KALAN (KHERI)

INTERMEDIATE

2022
JAIPURIA BANSAL CAMPUS
LUCKNOW

PERSONAL SKILLS

SKETCHING
LEADERSHIP
SINGING
DANCING
READING
MANAGEMENT

SOFTWARE SKILLS



AUTOCAD



RAYON



D5



LUMION



PHOTOSHOP

DESIGN PROJECTS

FIRST YEAR (SEMESTER 1-2)

PRODUCT ANALYSIS
ORDERING PRINCIPLES
POSTIVE AND NEGATIVE SPACE
FORM TRANSFORMATION
ANTHROPOMETRY
MONOCELLULAR UNIT
SHOP IN A TRAIN COACH

SECOND YEAR (SEMESTER 3-4)

HALL/HEAVEN EXPERIENTIAL EXERCISE
RETREAT
SPIRITUAL CENTER
CLIMATE RESPONSIVE SCHOOL
RESORT
THIRD YEAR (SEMESTER 5-6)
KIOSK
MULTI-PURPOSE HALL
AUDITORIUM
ROW HOUSING
GROUP HOUSING

PARTICIPATION AND WORKSHOP

SANGARH-IN-HOUSE (ARCHITECTURAL
EXHIBITION
MITHILA (MADHUBAN) ART WORKSHOP
CARPENTRY JOINTS WORKSHOP
ARCHITECTURAL NARRATIVE AND
EXPERIENCE DESIGN

HOBBIES

DESIGNING
SKETCHING
COOKING
DANCING
SINGING

LANGUAGES

HINDI
ENGLISH

CONTENTS



HAPRDS VIRIDIAN



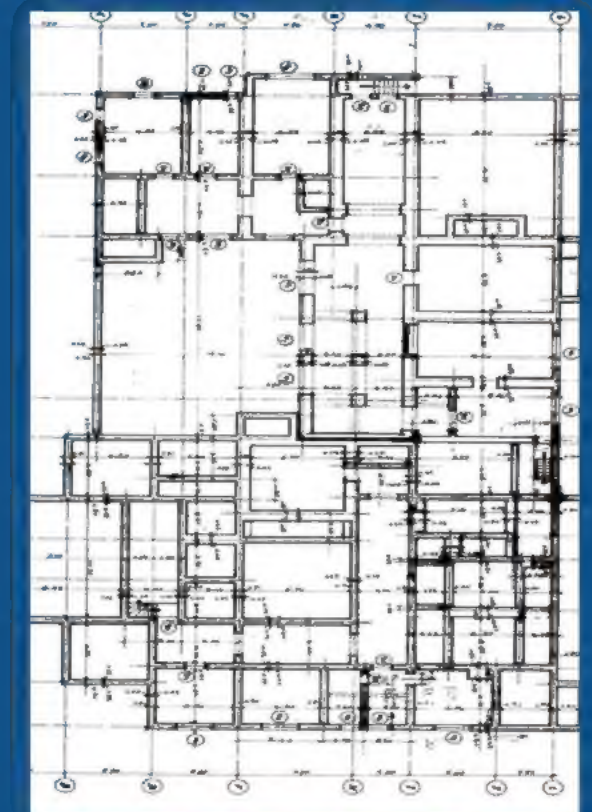
HAPRDS ENCLAVE



SYMPHONY HALL



**INTERIOR OF ART
GALLERY**



**WORKING
DRAWING**

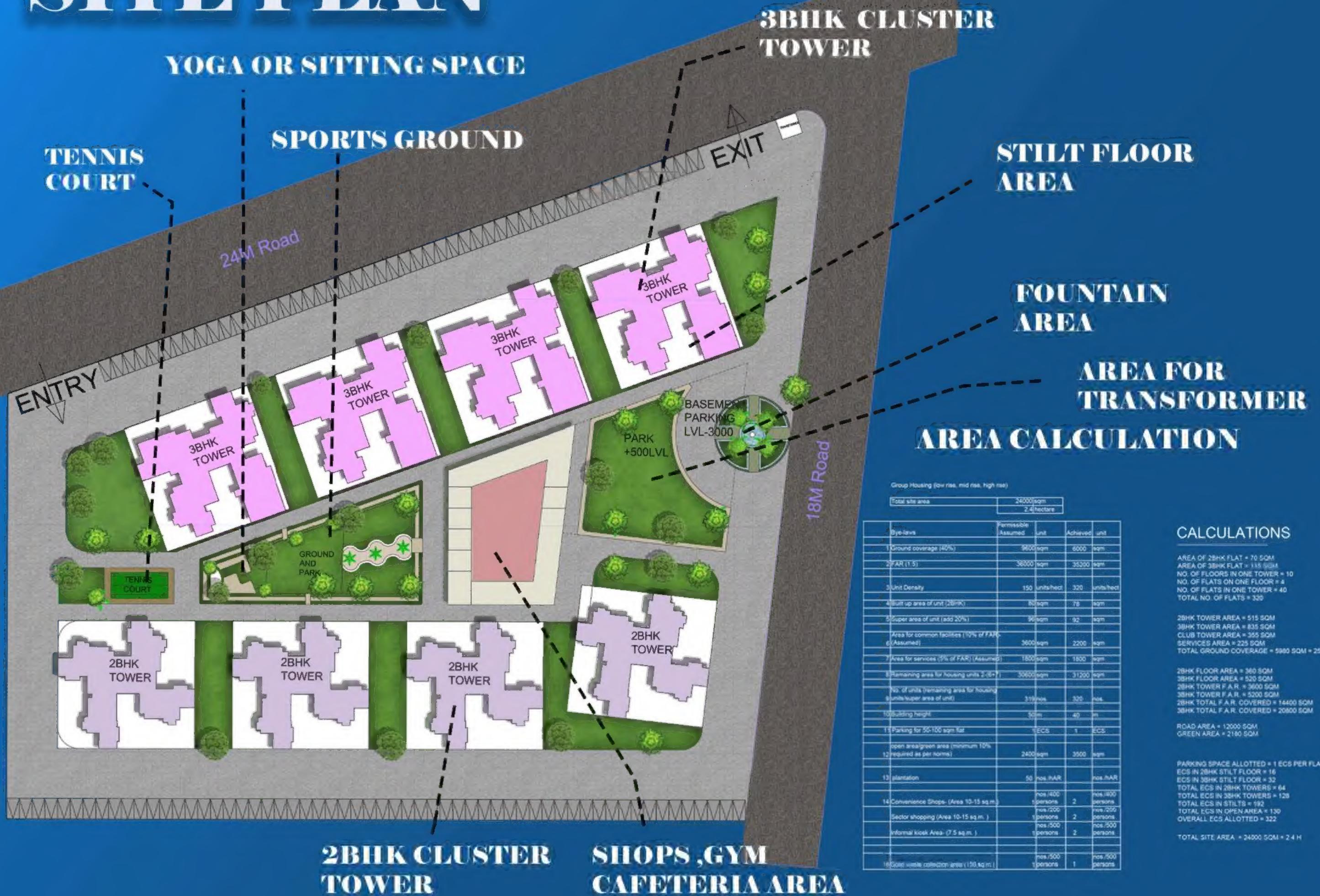
GROUP HOUSING

HAPRDS VIRIDIAN, envisioned as a premium group housing , includes 2bhk and 3bhk units designed for ultimate ease and well-being. It focuses on smart space utilization, ensuring every area serves a purpose, alongside a range of top-tier facilities. The goal is to create a refined community emphasizing comfortable living and a tasteful way of life for its residents.

HAPRDS VIRIDIAN

RENDERING SOURCE-D5
MODELING-SKETCHUP
DRAWING- AUTOCAD

SITE PLAN



AREA CALCULATION

Group Housing (low rise, mid rise, high rise)				
Total site area	24000sqm			
	2.4hectare			
Bye-laws	Permissible Assumed	unit	Achieved	unit
1 Ground coverage (40%)	9600sqm	6000	sqm	
2 FAR (1.5)	36000sqm	35200	sqm	
3 Unit Density	150 units/hect	320	units/hect	
4 Stilt up area of unit (2BHK)	80sqm	78	sqm	
5 Super area of unit (add 20%)	96sqm	92	sqm	
6 Area for common facilities (10% of FAR) (Assumed)	3600sqm	2200	sqm	
7 Area for services (5% of FAR) (Assumed)	1800sqm	1800	sqm	
8 Remaining area for housing units 2 (BHK)	30600sqm	31200	sqm	
No. of units (remaining area for housing units/super area of unit)	375nos.	320	nos.	
10 Building height	50m	40	m	
11 Parking for 50-100 sqm flat	1ECS	1	ECS	
open area/green area (minimum 10% required as per norms)	2400sqm	3500	sqm	
13 plantation	50 nos./HAR		nos./HAR	
14 Convenience Shops- (Area 10-15 sq.m.)	nos./400 persons	2	nos./400 persons	
Sector shopping (Area 10-15 sq.m.)	nos./200 persons	2	nos./200 persons	
Informal kiosk Area- (7.5 sq.m.)	nos./500 persons	2	nos./500 persons	
16 Solid waste collection area (150 sq.m.)	nos./500 persons	1	nos./500 persons	

CALCULATIONS

AREA OF 2BHK FLAT = 70 SQM
 AREA OF 3BHK FLAT = 115 SQM
 NO. OF FLOORS IN ONE TOWER = 10
 NO. OF FLATS ON ONE FLOOR = 4
 NO. OF FLATS IN ONE TOWER = 40
 TOTAL NO. OF FLATS = 320

 2BHK TOWER AREA = 515 SQM
 3BHK TOWER AREA = 835 SQM
 CLUB TOWER AREA = 355 SQM
 SERVICES AREA = 225 SQM
 TOTAL GROUND COVERAGE = 5980 SQM = 25%

 2BHK FLOOR AREA = 360 SQM
 3BHK FLOOR AREA = 520 SQM
 2BHK TOWER F.A.R. = 3600 SQM
 3BHK TOWER F.A.R. = 5200 SQM
 2BHK TOTAL F.A.R. COVERED = 14400 SQM
 3BHK TOTAL F.A.R. COVERED = 20800 SQM

 ROAD AREA = 12000 SQM
 GREEN AREA = 2180 SQM

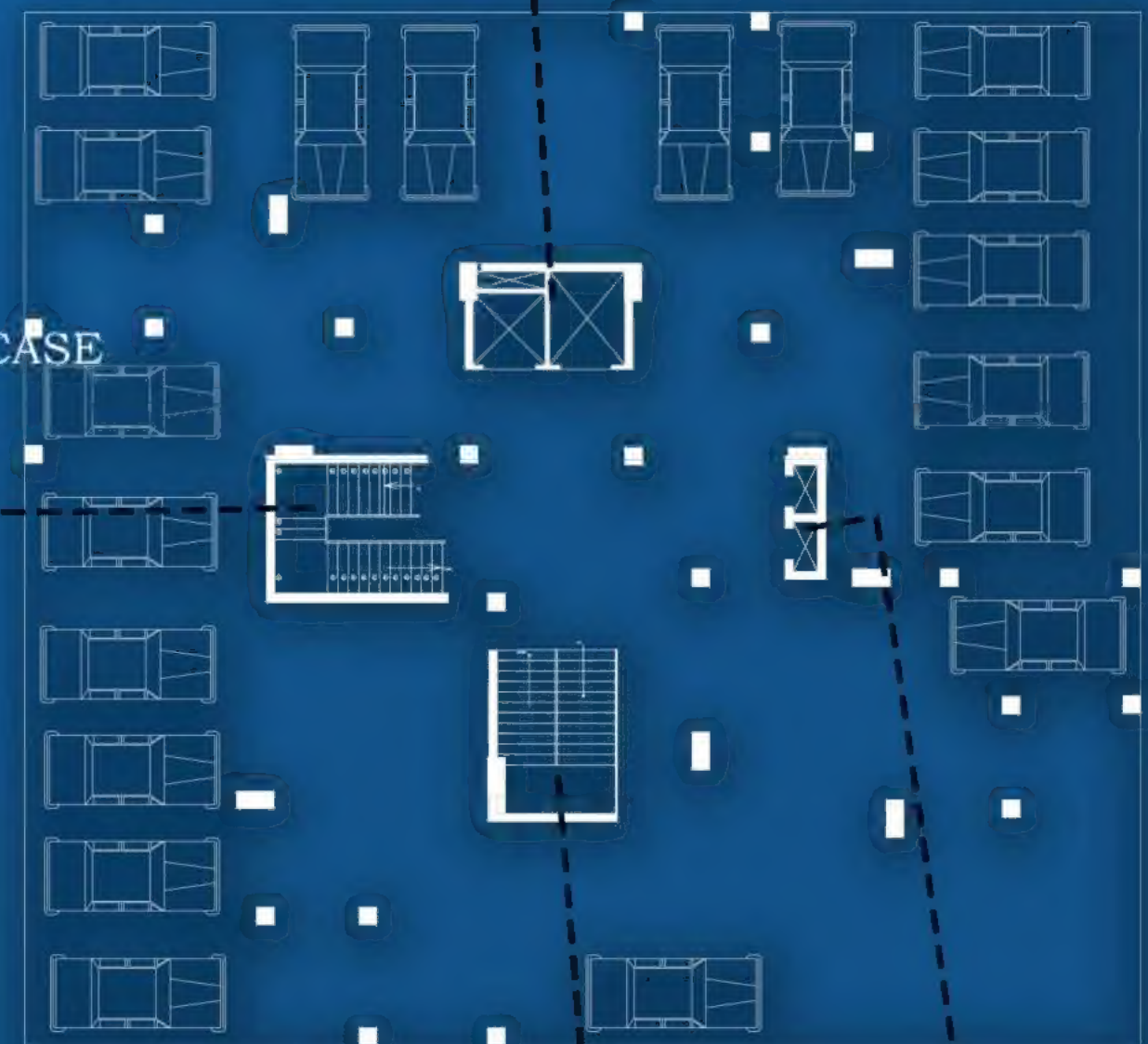
 PARKING SPACE ALLOTTED = 1 ECS PER FLAT
 ECS IN 2BHK STILT FLOOR = 16
 ECS IN 3BHK STILT FLOOR = 32
 TOTAL ECS IN 2BHK TOWERS = 64
 TOTAL ECS IN 3BHK TOWERS = 128
 TOTAL ECS IN STILTS = 192
 TOTAL ECS IN OPEN AREA = 130
 OVERALL ECS ALLOTTED = 322

 TOTAL SITE AREA = 24000 SQM = 2.4 H

CLUSTER PLAN OF 2BHK UNIT PLANS AND STILT FLOOR PLAN



BUILDING STAIRCASE



LIFT AREA
FOR PASSENGER
AND SERVICE

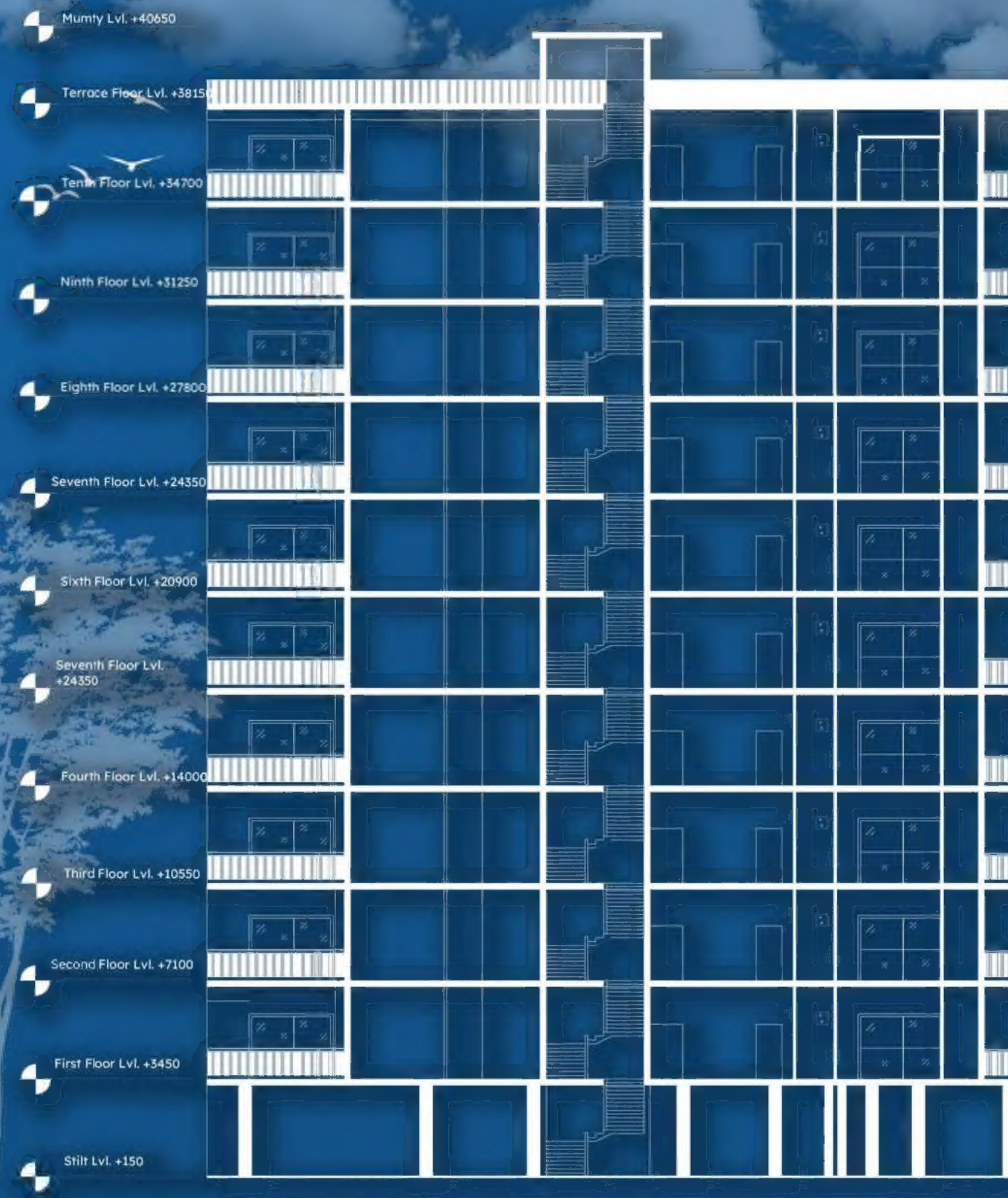
FIR STAIRCASE

ELCTRICAL AND
FIRE SAFETY
SHAFTS

SECTION OF 2 BHK CLUSTER



KEY PLAN OF
CLUSTER PLAN
OF 2BHK
UNIT PLANS



Mumty Lvl. +40650

Terrace Floor Lvl. +38150

Tenth Floor Lvl. +34700

Ninth Floor Lvl. +31250

Eighth Floor Lvl. +27800

Seventh Floor Lvl. +24350

Sixth Floor Lvl. +20900

Seventh Floor Lvl.
+24350

Fourth Floor Lvl. +14000

Third Floor Lvl. +10550

Second Floor Lvl. +7100

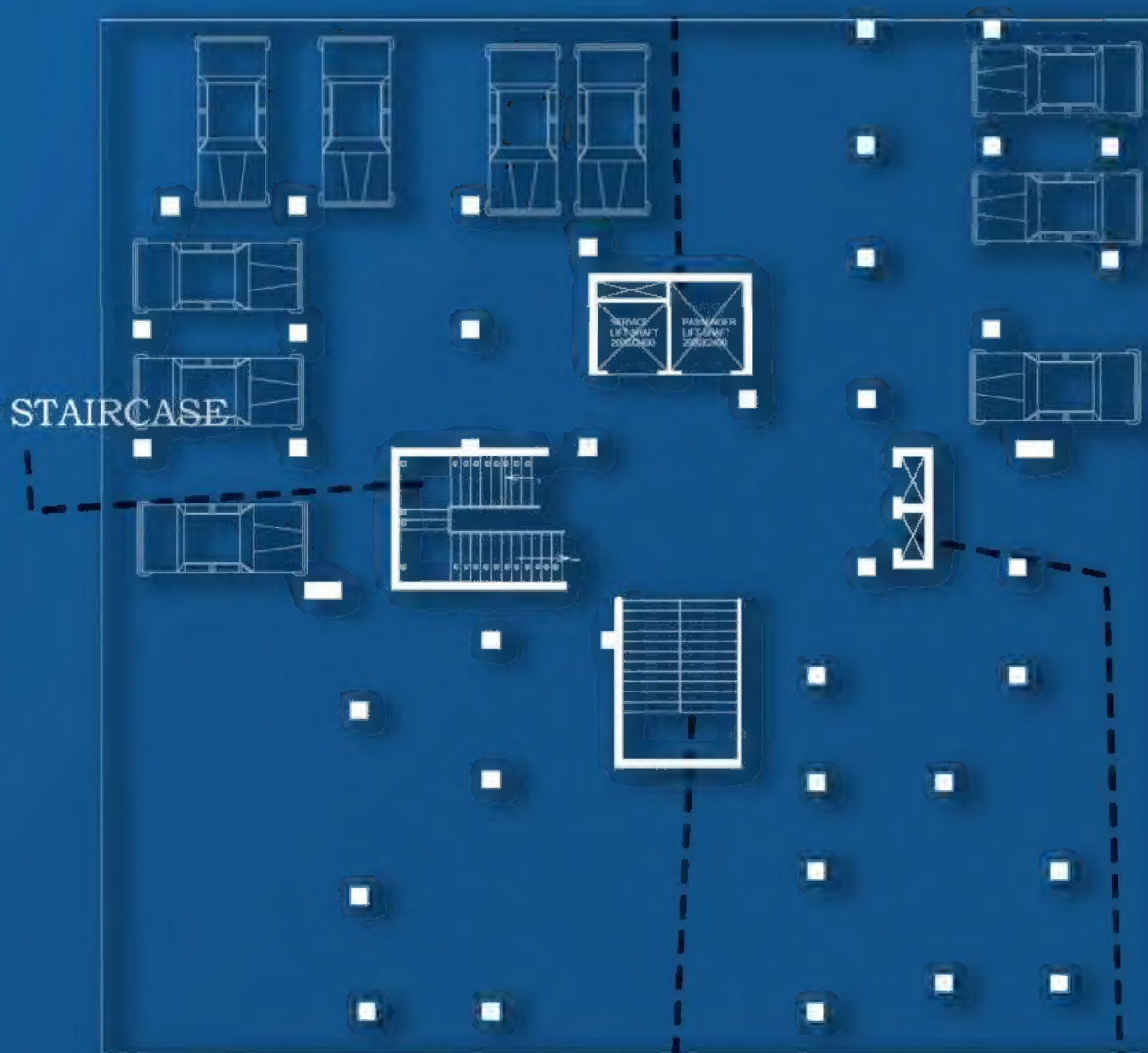
First Floor Lvl. +3450

Stilt Lvl. +150

CLUSTER PLAN OF 3BHK UNIT PLANS AND STILT FLOOR PLAN



BUILDING STAIRCASE



LIFT AREA
FOR PASSENGER
AND SERVICE

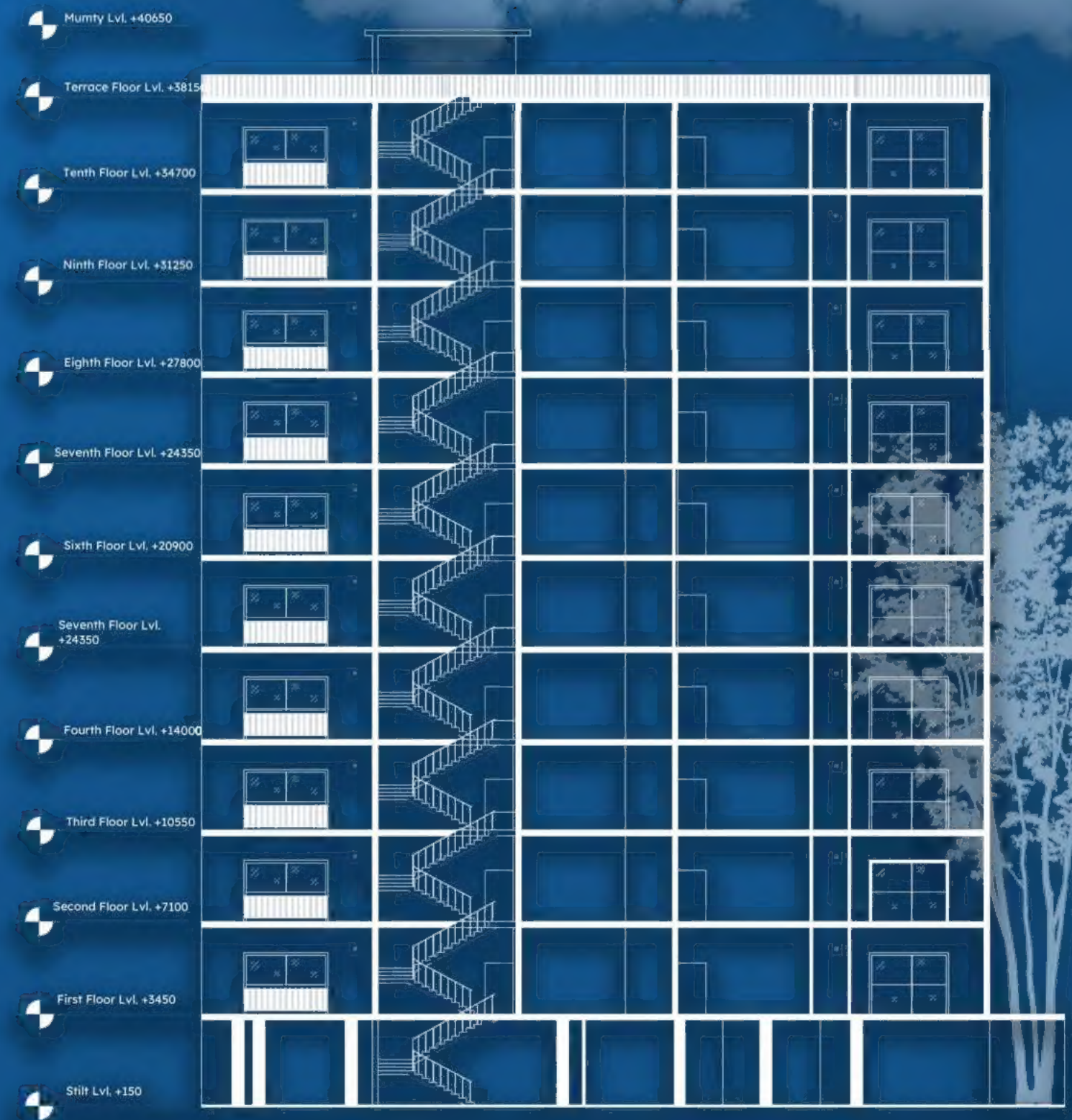
FIR STAIRCASE

ELCTRICAL AND
FIRE SAFETY
SHAFTS

SECTION OF 3BHK CLUSTER



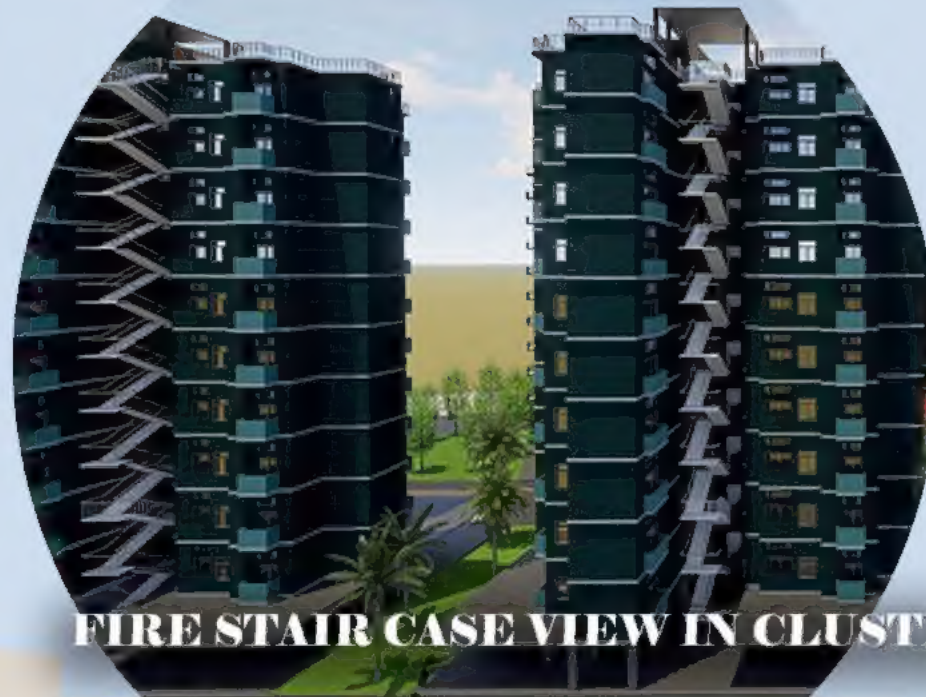
**KEY PLAN OF
CLUSTER PLAN
OF 3BHK
UNIT PLANS**



VIEWS OF SITE



**PARK FRONT VIEW
OF PARK**



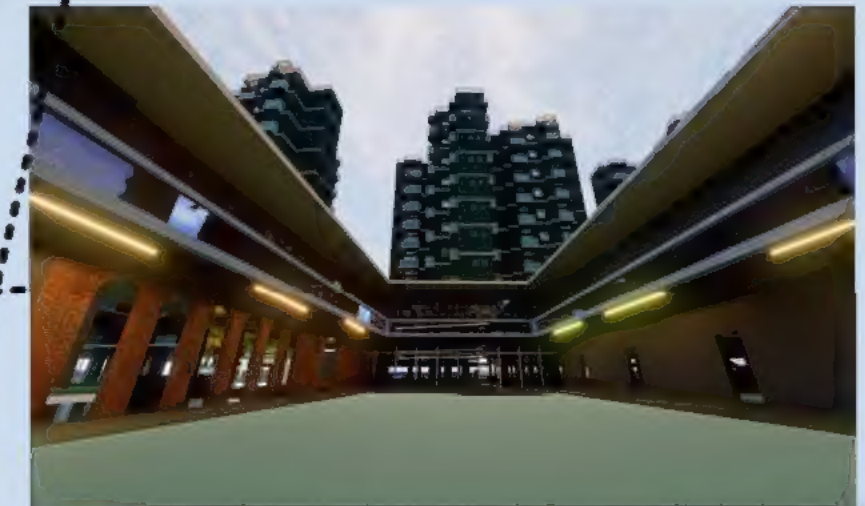
FIRE STAIR CASE VIEW IN CLUSTER



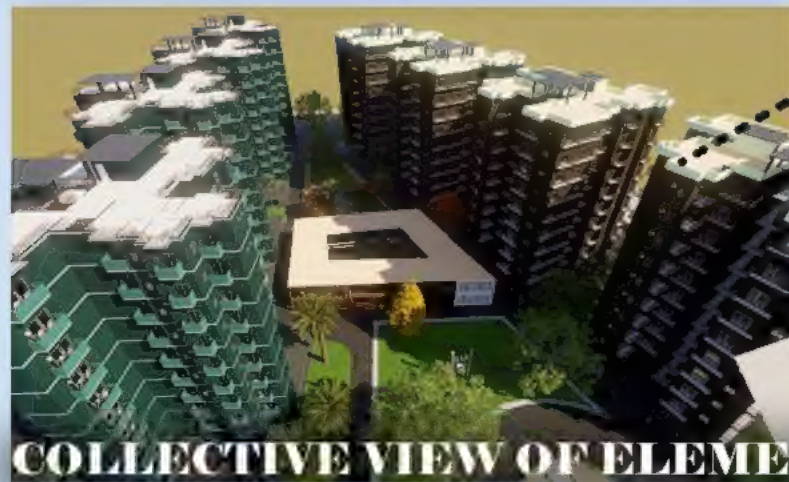
FRONT VIEW OF 3BHK CLUSTER



VIEW FROM MAIN ENTRANCE



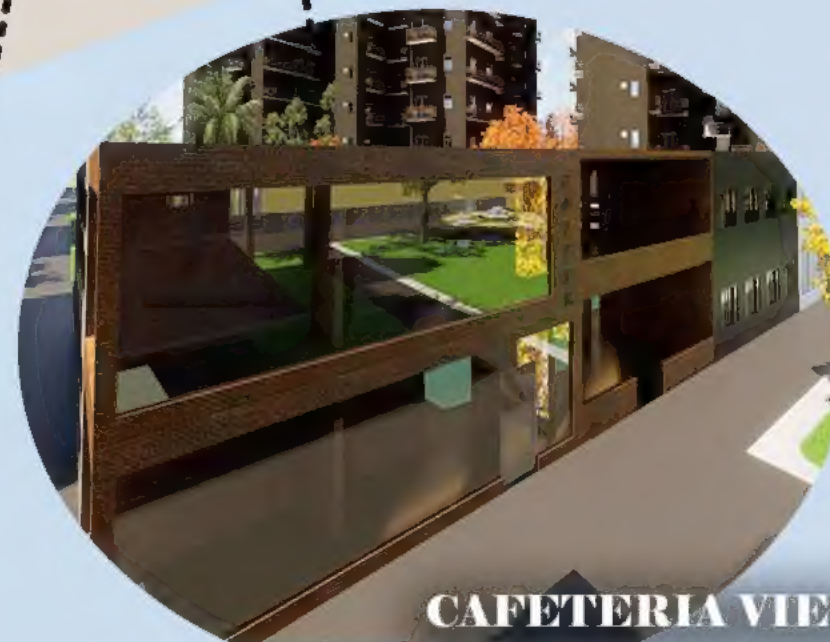
RECREATIONAL AREAS VIEW



COLLECTIVE VIEW OF ELEMENTS



FRONT VIEW OF 2BHK CLUSTER



CAFETERIA VIEW



BALCONY VIEWS

HAPRDS ENCLAVE



EXERCISE-A PLOT OF 2.4 ACRES WAS PROVIDED TO DESIGN A ROW HOUSING NAMES (HAPRDS ENCLAVE)WHICH INCLUDES ALL AMENITIES AAND REQUIREMENTS WITH PROPER CIRCULATION AND SPACEIAL FEATURES

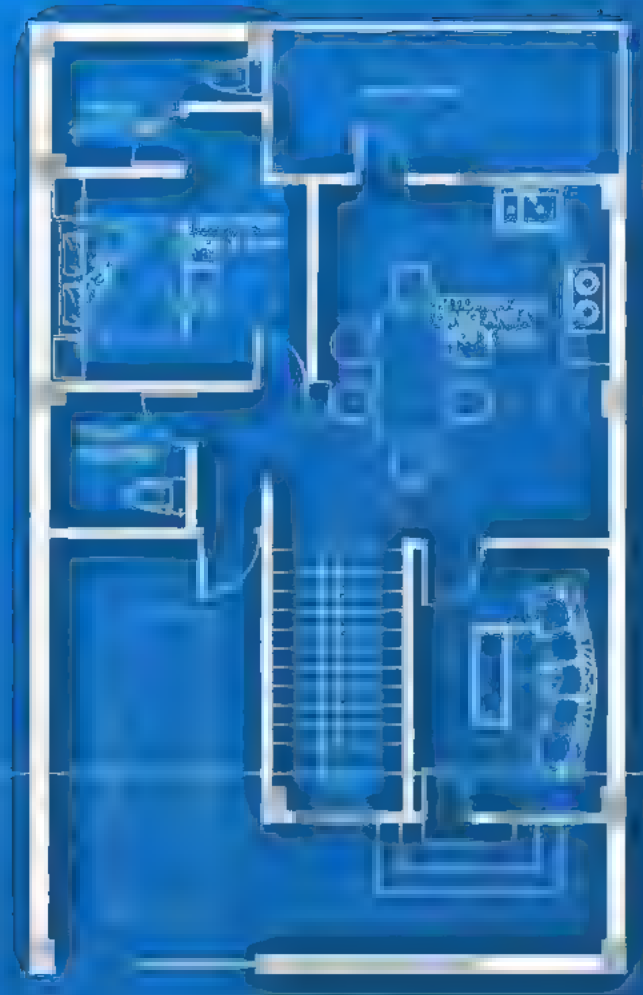
PLANNING-AUTOAD
MODELING -SKETCHUP
RENDER-D5

SITE PLAN OF ROW HOUSING

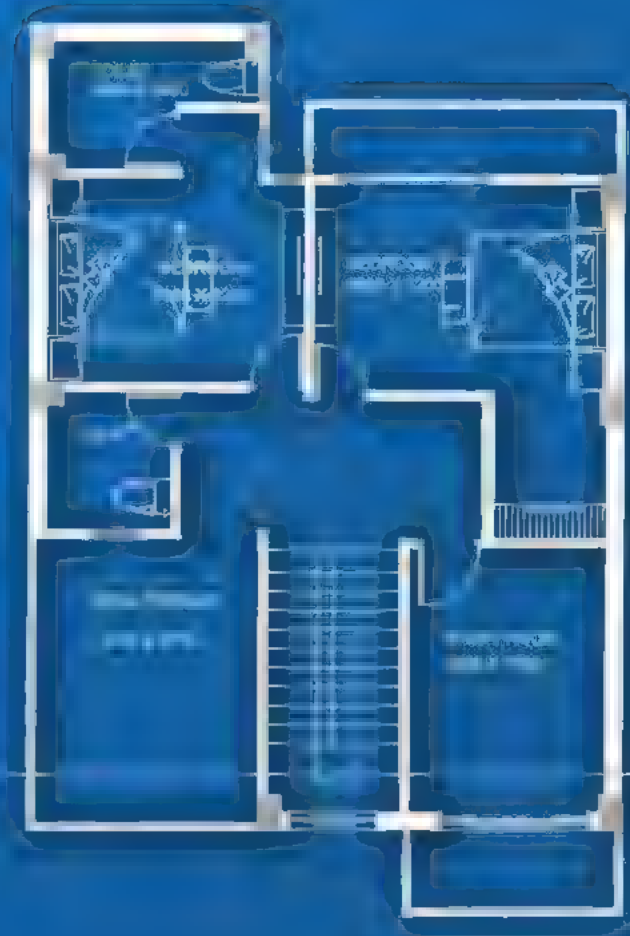
ROW HOUSING AREA CALCULATIONS

[illegible]

TYPE I UNIT PLAN



GROUND FLOOR
PLAN



FIRST FLOOR
PLAN



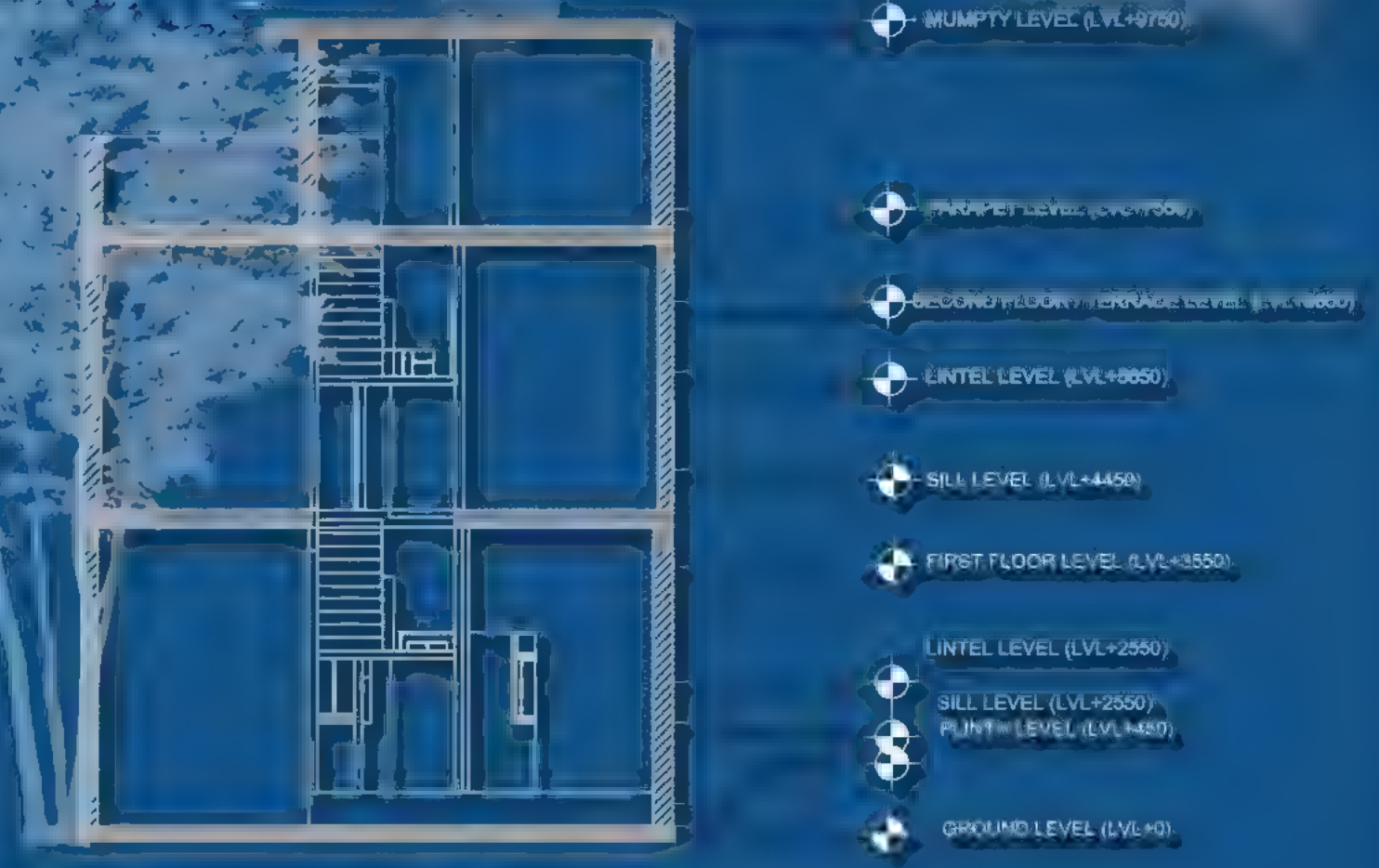
TERRACE FLOOR
PLAN



SECTION AND ELEVATION OF TYPE I UNIT PLAN

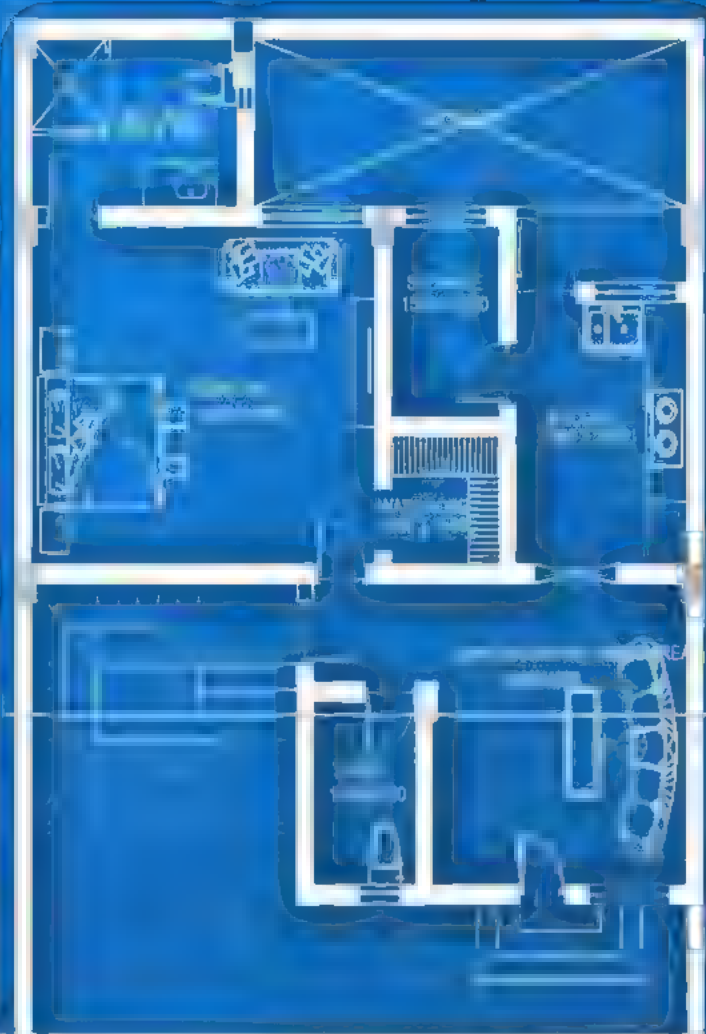


ELEVATION

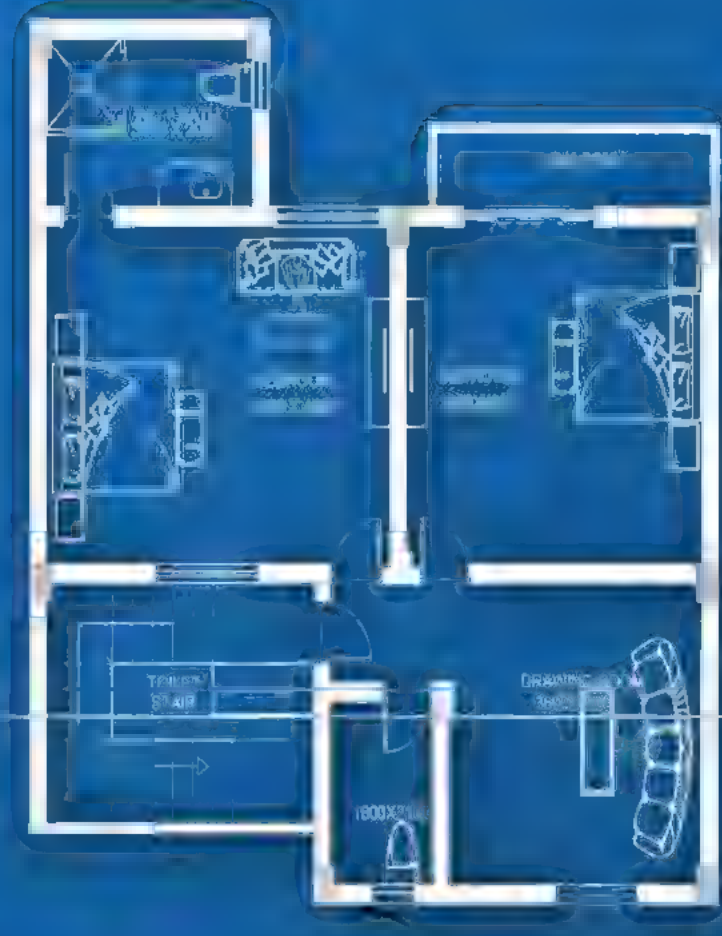


SECTION

MAP 2 UNIT PLAN



GROUND FLOOR PLAN



FIRST FLOOR
PLAN



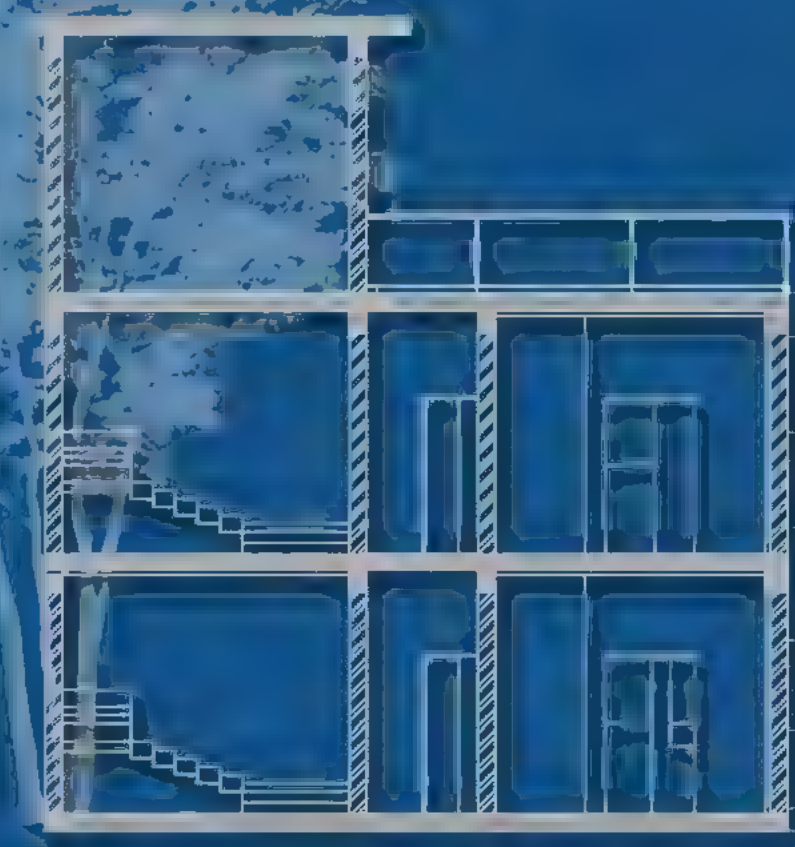
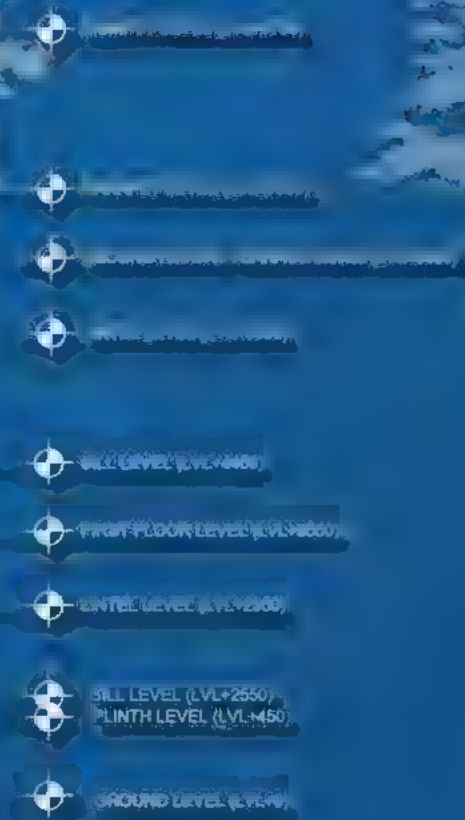
TERRACE FLOOR
PLAN



ELEVATION AND SECTION OF TYPE 2 UNIT PLANS



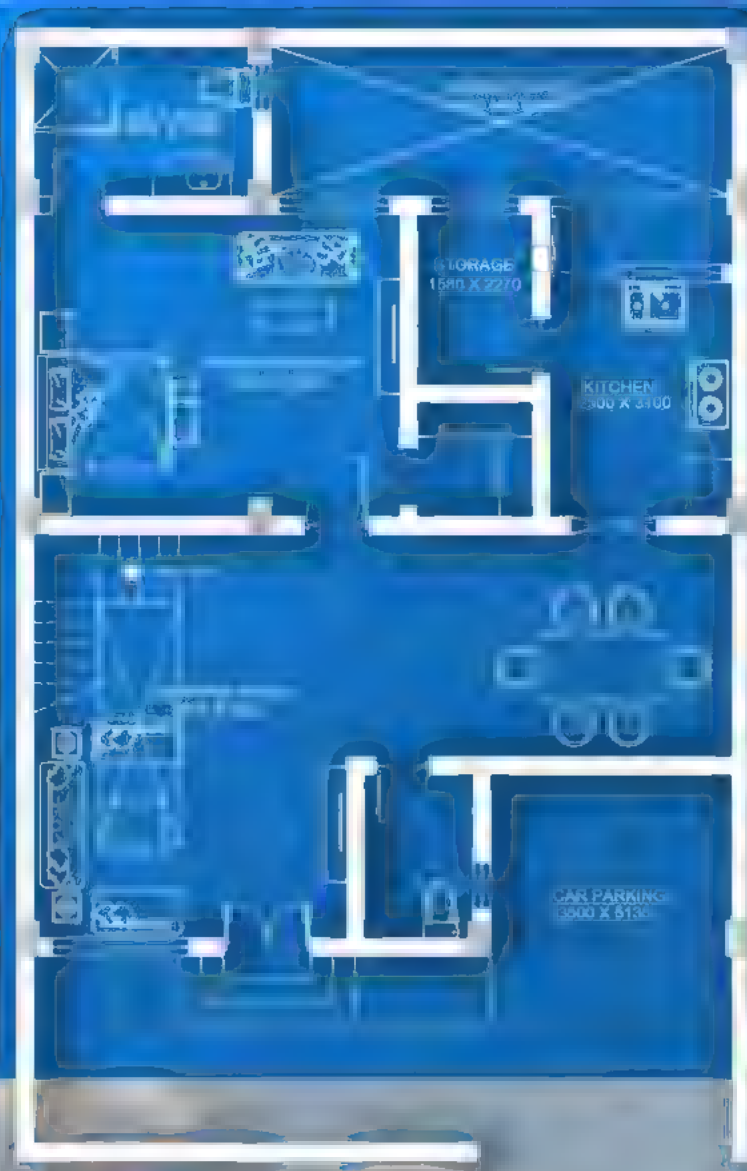
ELEVATION



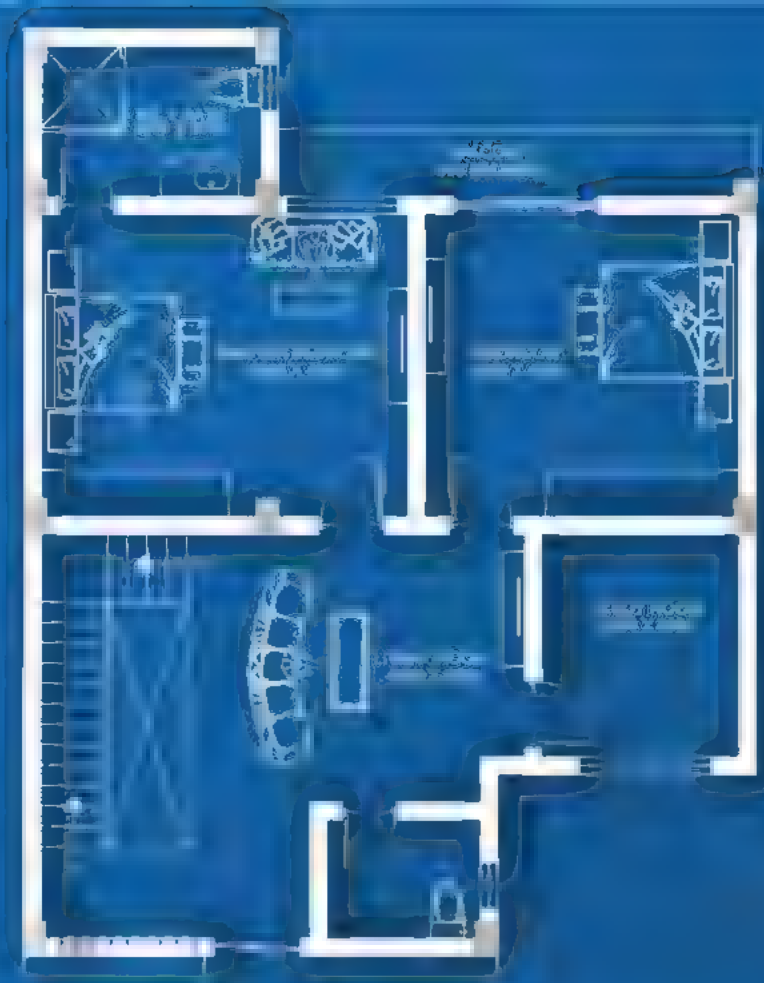
SECTION



TYPE 3 UNIT PLAN



GROUND FLOOR
PLAN



FIRST FLOOR
PLAN



TERRACE FLOOR
PLAN



ELEVATION AND SECTION OF TYPE 3 UNIT PLAN



ELEVATION

SECTION

SITE VIEWS



CAFETERIA VIEW



PARK VIEW



VIEW OF BOUNDARY OF HOUSE



SHOP VIEW



ENTRANCE VIEW

SYMPHONICAL

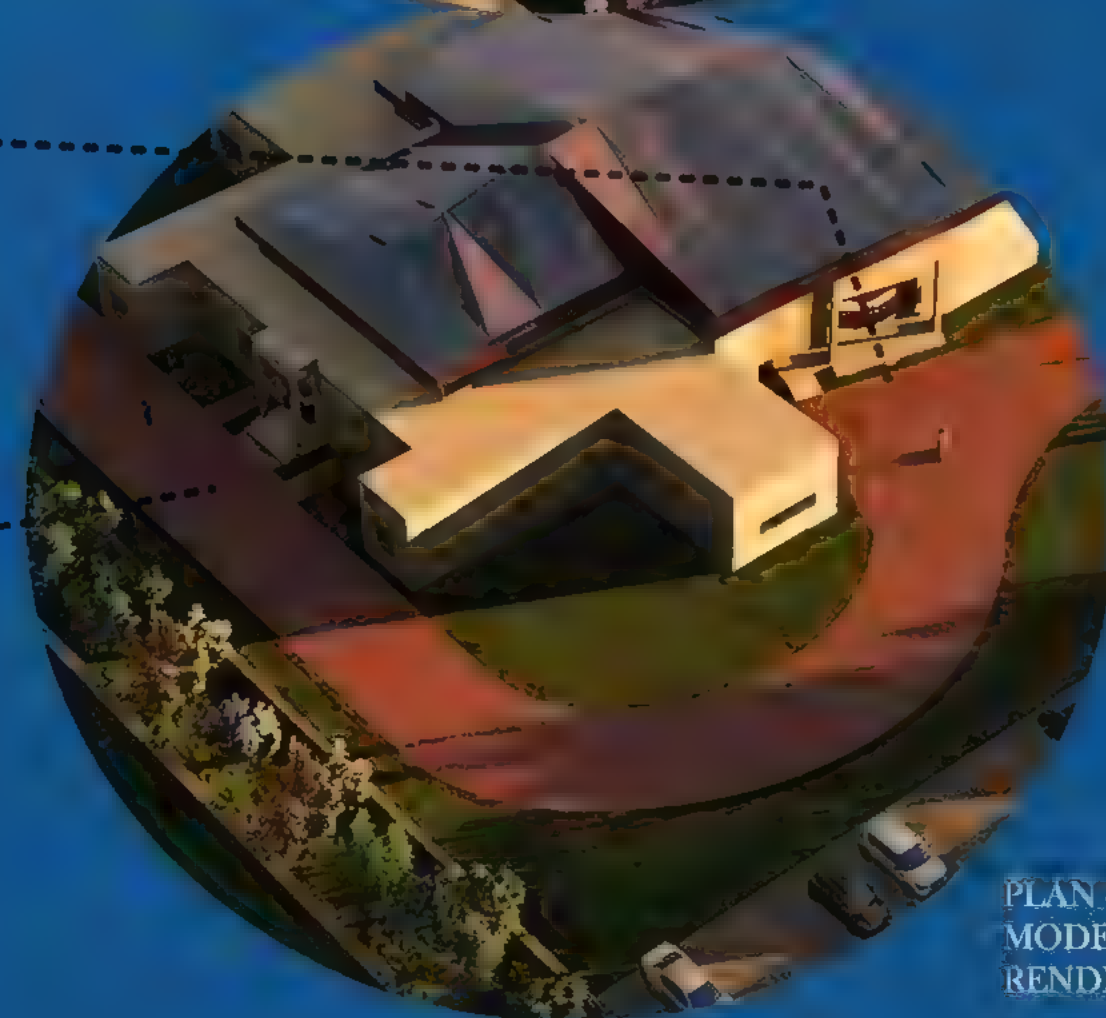


SITE PLAN OF AUDITORIUM



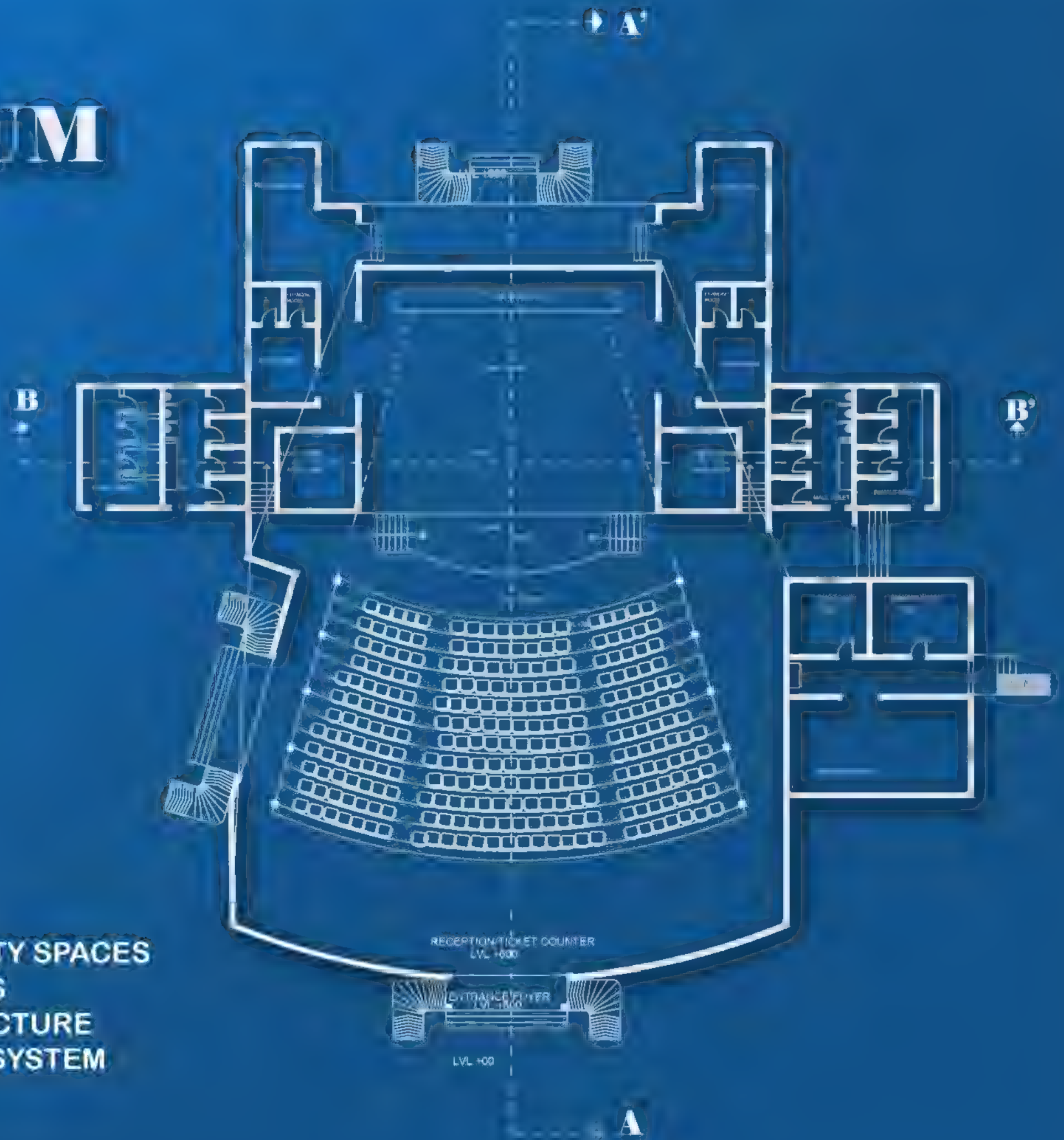
SCHEDULES

- 1. MAIN ENTRY
- 2. EXIT
- 3. PARKING
- 4. SECONDARY ENTRY
- 5. AUDITORIUM HALL



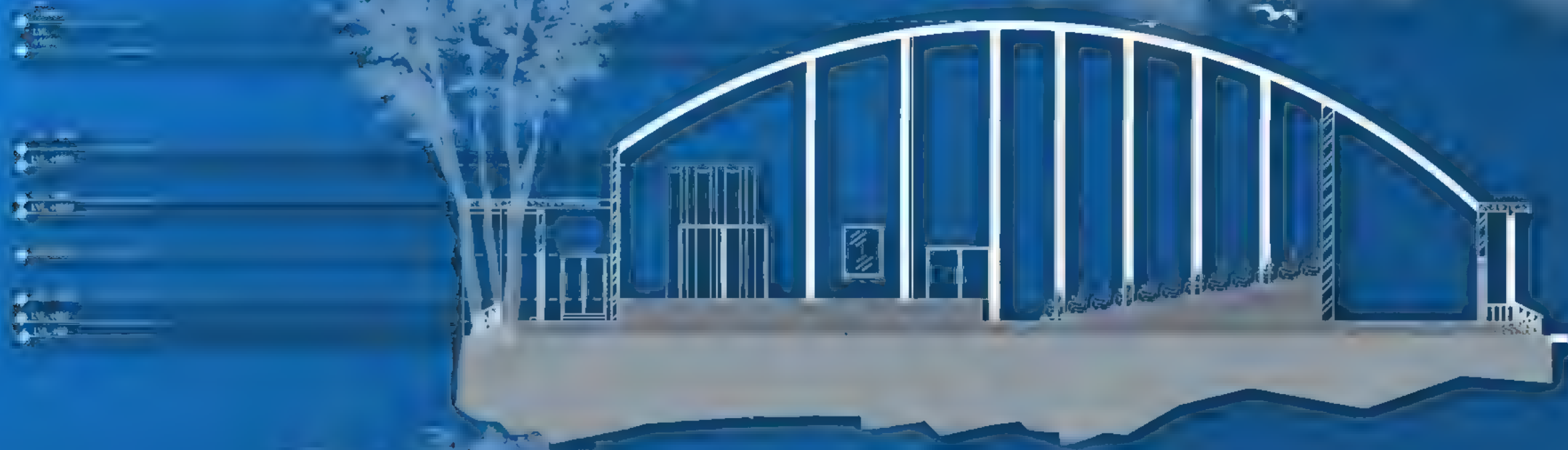
PLAN-AUTOCAD
MODELING-SKETCHUP
RENDER-LUMION

AUDITORIUM PLAN



EXERCISE. DESIGN AN AUDITORIUM
INCLUDING HALL AND OTHER ACTIVITY SPACES
INCLUDING PARKING AND ROADWAYS
CONDITION WAS TO MAKE THE STRUCTURE
BASED ON ARCUATED STRUCTURAL SYSTEM

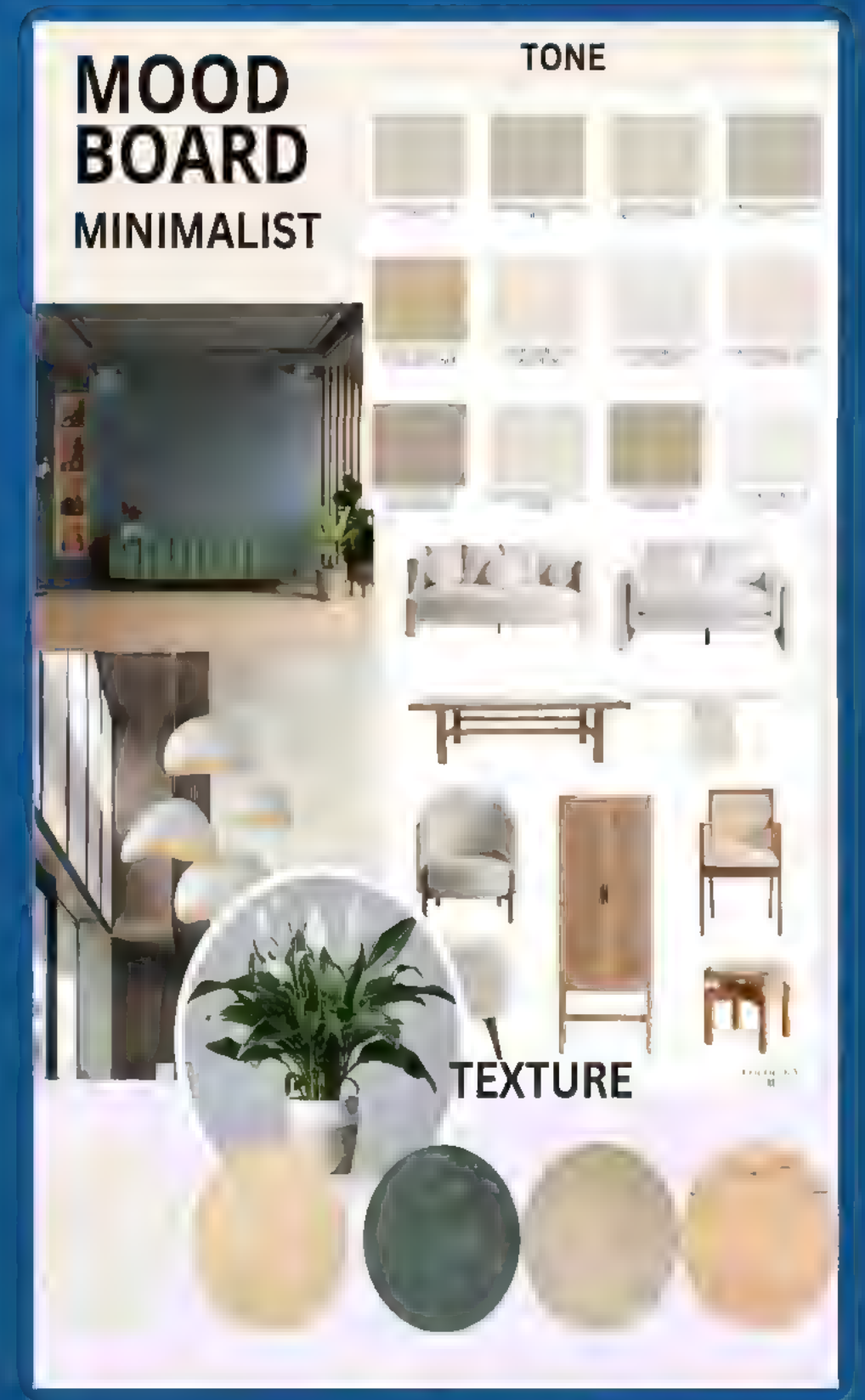
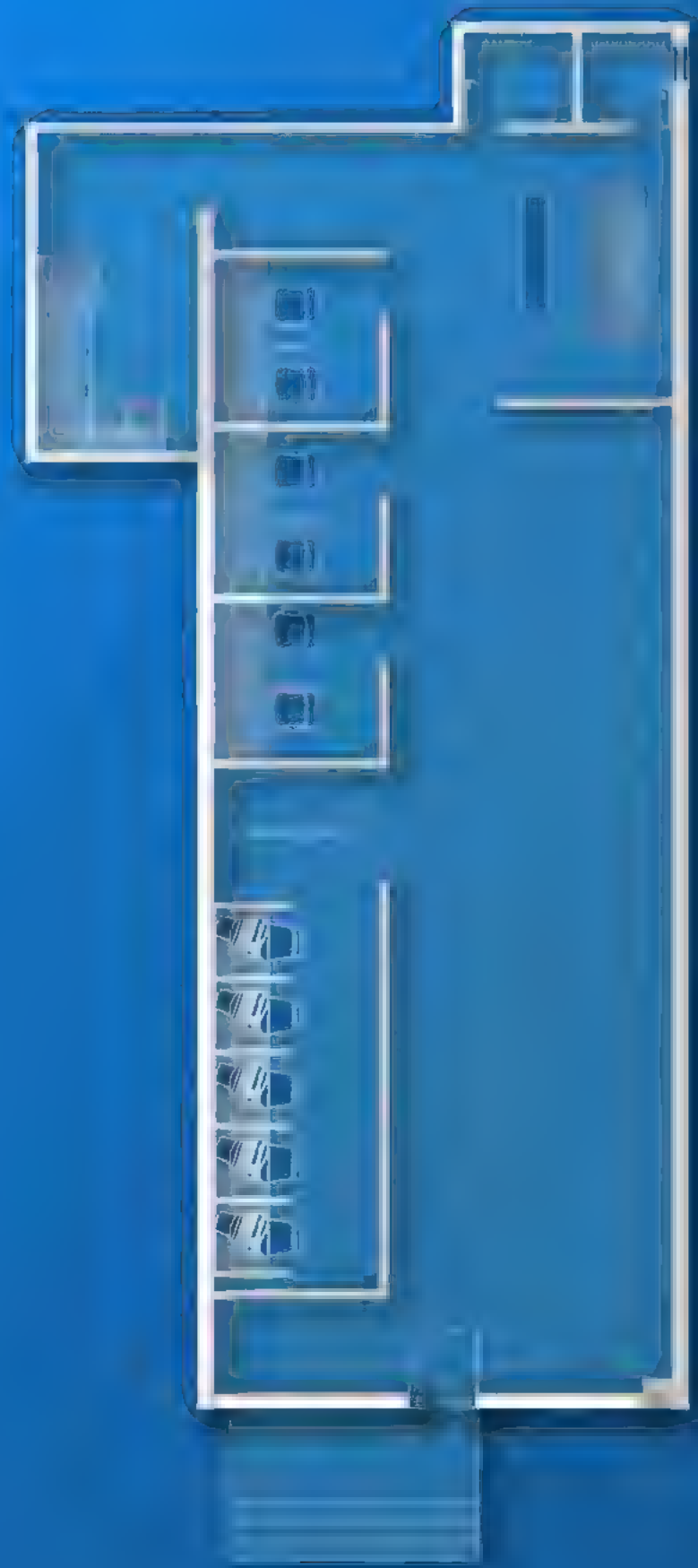
SECTIONS OF AUDITORIUM



SECTION AT AA'



SECTION AT BB'



OFFICE DESIGN CONCEPT & LAYOUT

SAUNIYA MAURYA 10.30.2021
 PROJECT SIZE: 20'x120'
 AREA: 2400 SQ. FT.

20,000 X 10,000



OFFICE DESIGN INTERIOR
RENDERS

SAUMYA MAURYA IOAP, AKTU
B ARCH 3RD YR B - 2024-25
INTERIOR DESIGN KAR-504

WORKING DRAWING

ATT. TOILET
(500 X 2400)

BALCONY
(5100 X 1450)

BEDROOM
(4500 X 3000)

DINING
W/ OPEN KITCHEN
(3300 X 4500)

331

3

OTB
(X 500)

390

TOILET
(1450 X 1800)

LOBBY
(2500 X 1000)

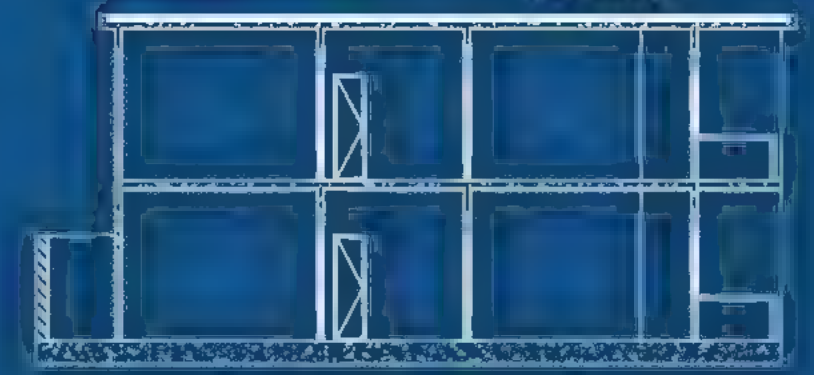
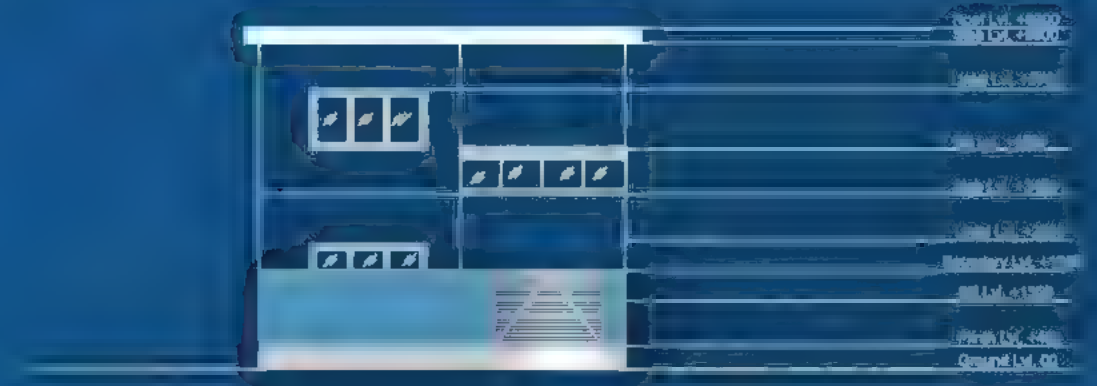
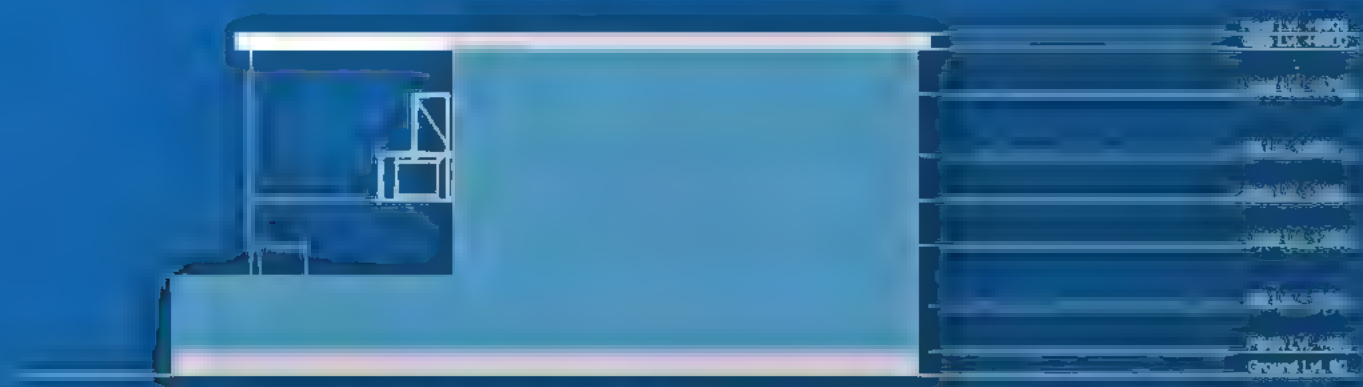
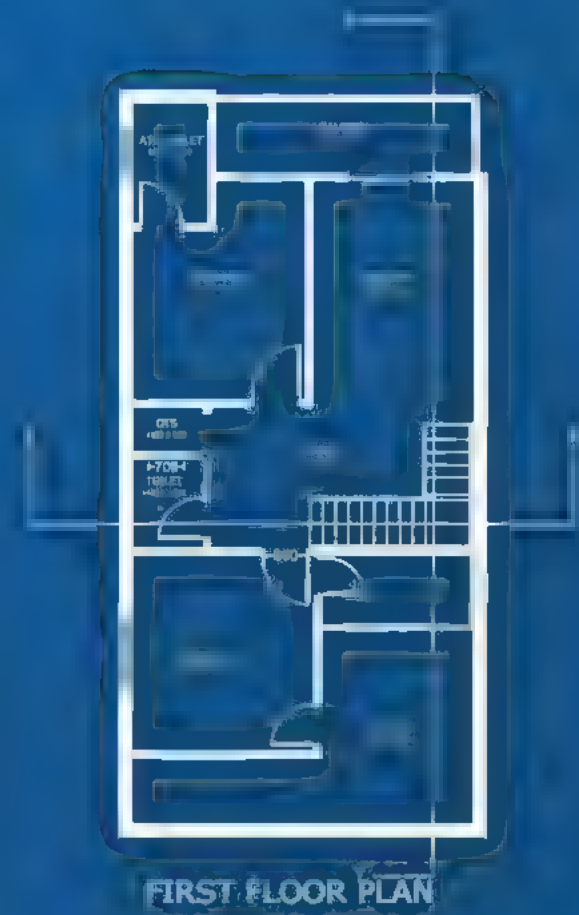
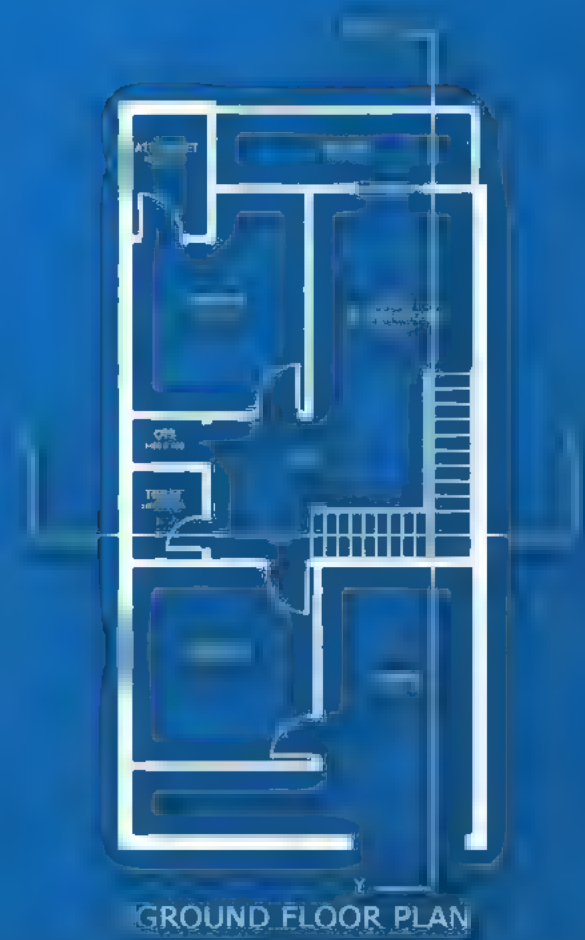
4

LIVING ROOM
(3000 X 3000)

3830

PARKING
(3000 X 5400)

PLAN, SECTION & ELEVATION OF A RETREAT HOUSE



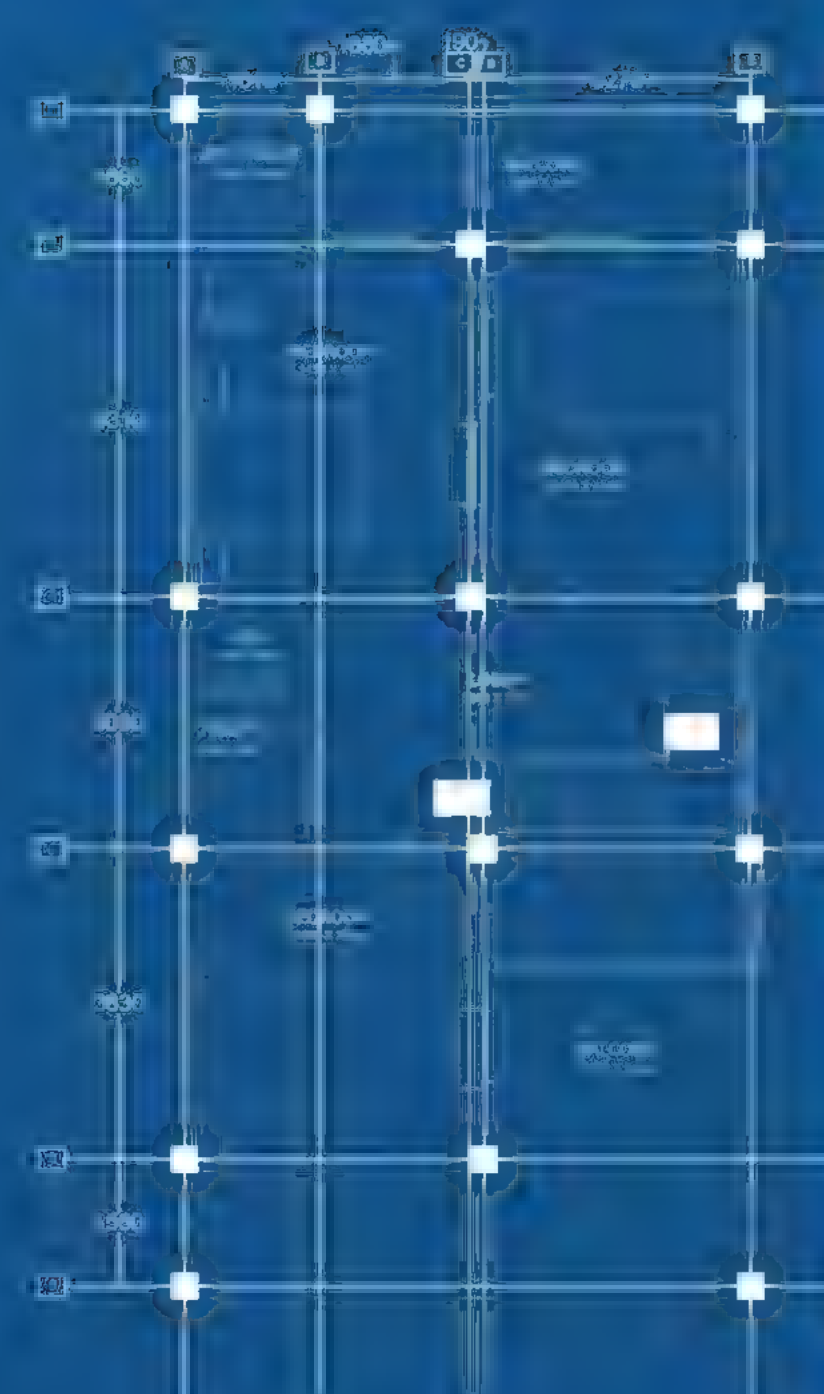
COLUMN LAYOUT



FOOTINGS WITH COLUMN



CENTER LINE GROUND
FLOOR PLAN

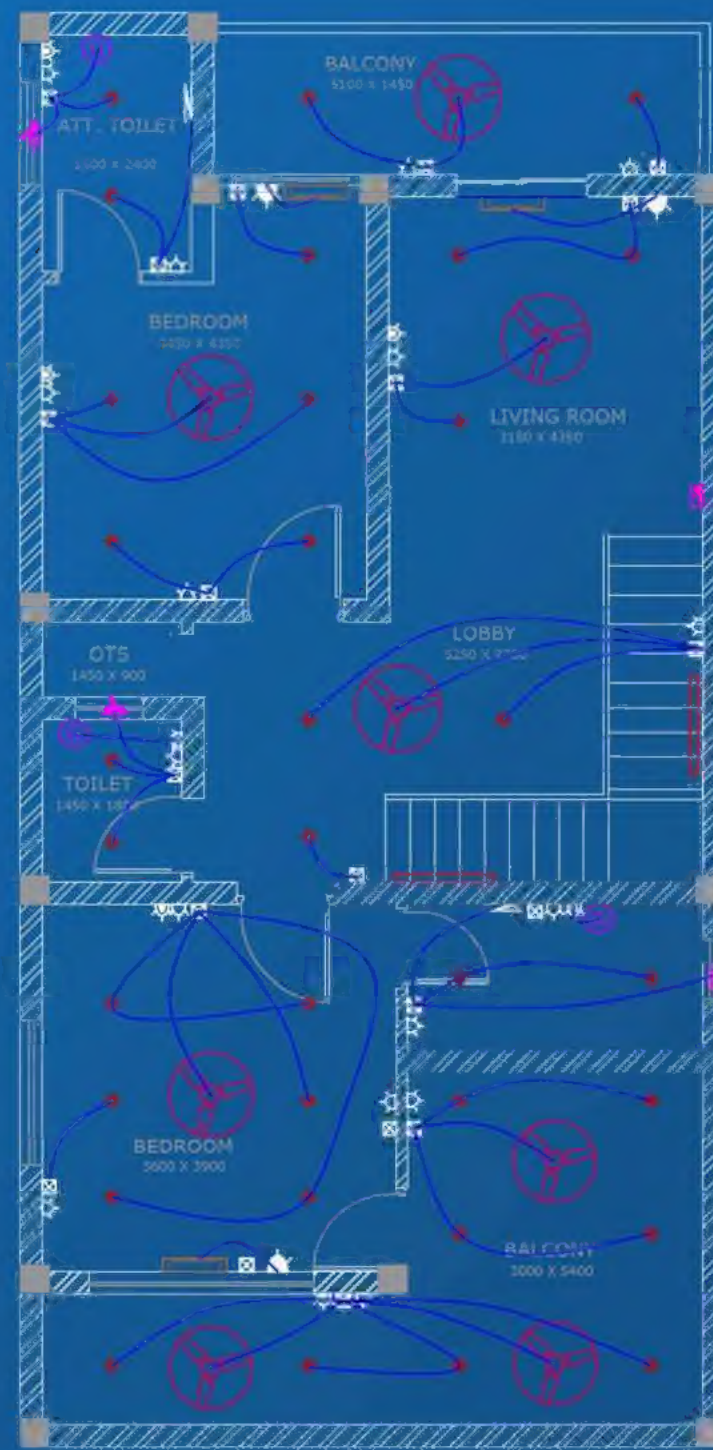
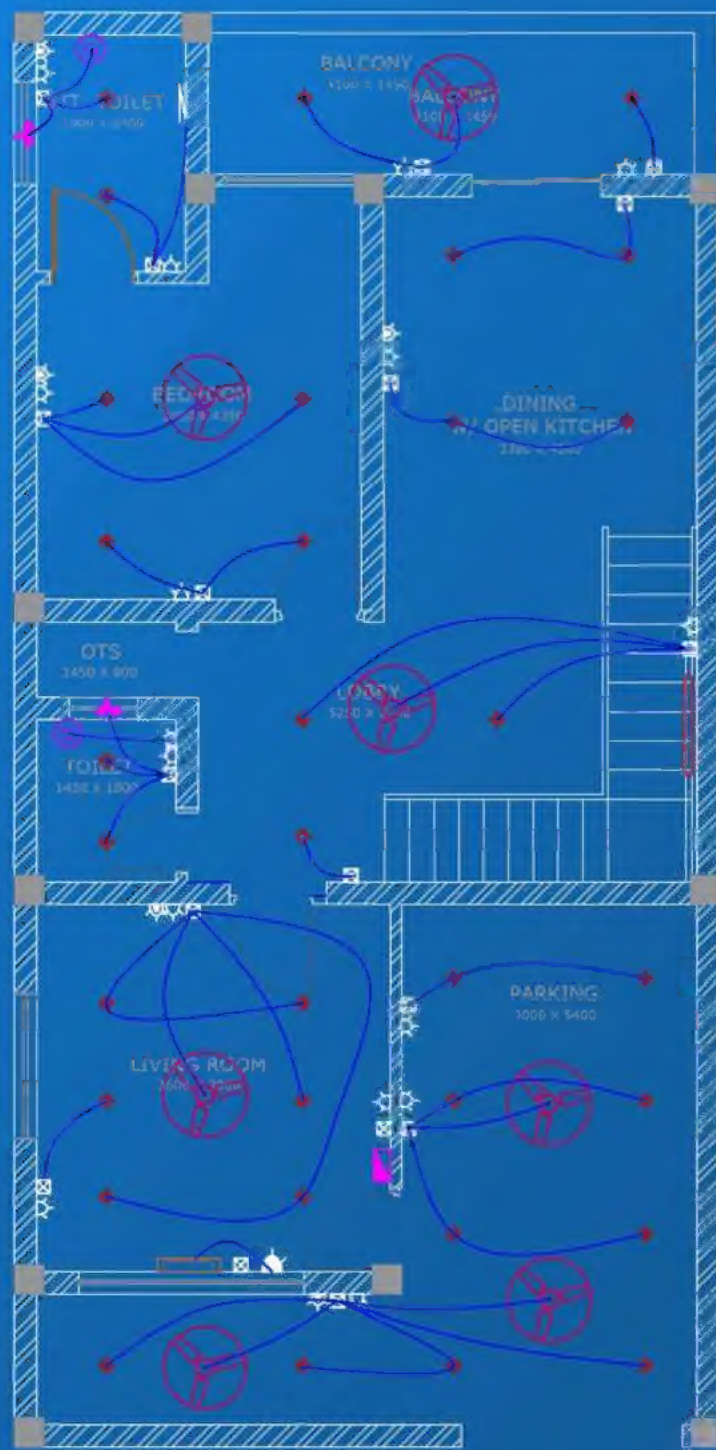


FIRST FLOOR
COLUMN PLAN

FOOTING SCHEDULE

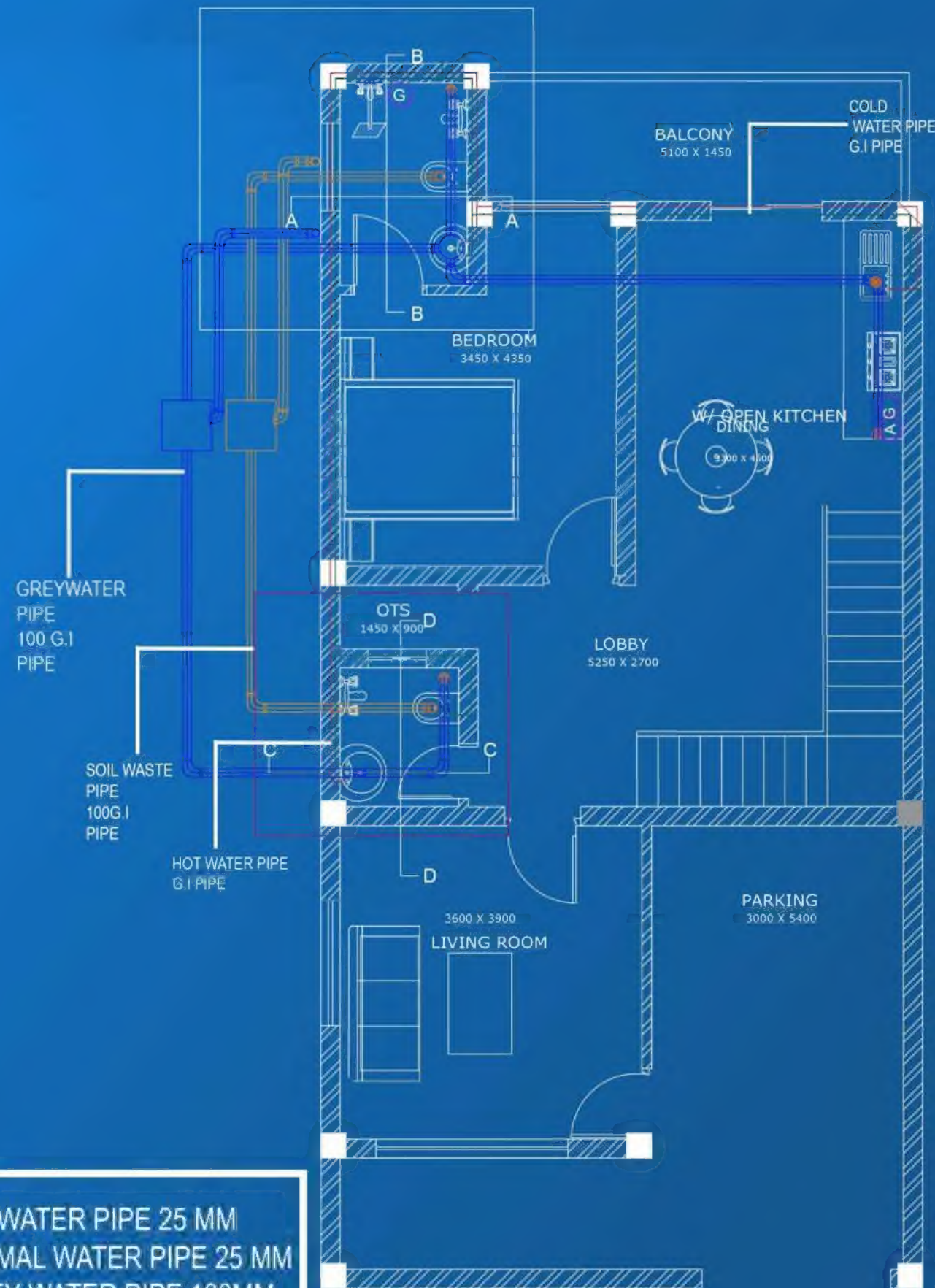
F1	F2	F3	F4

ELECTRICAL DRAWING

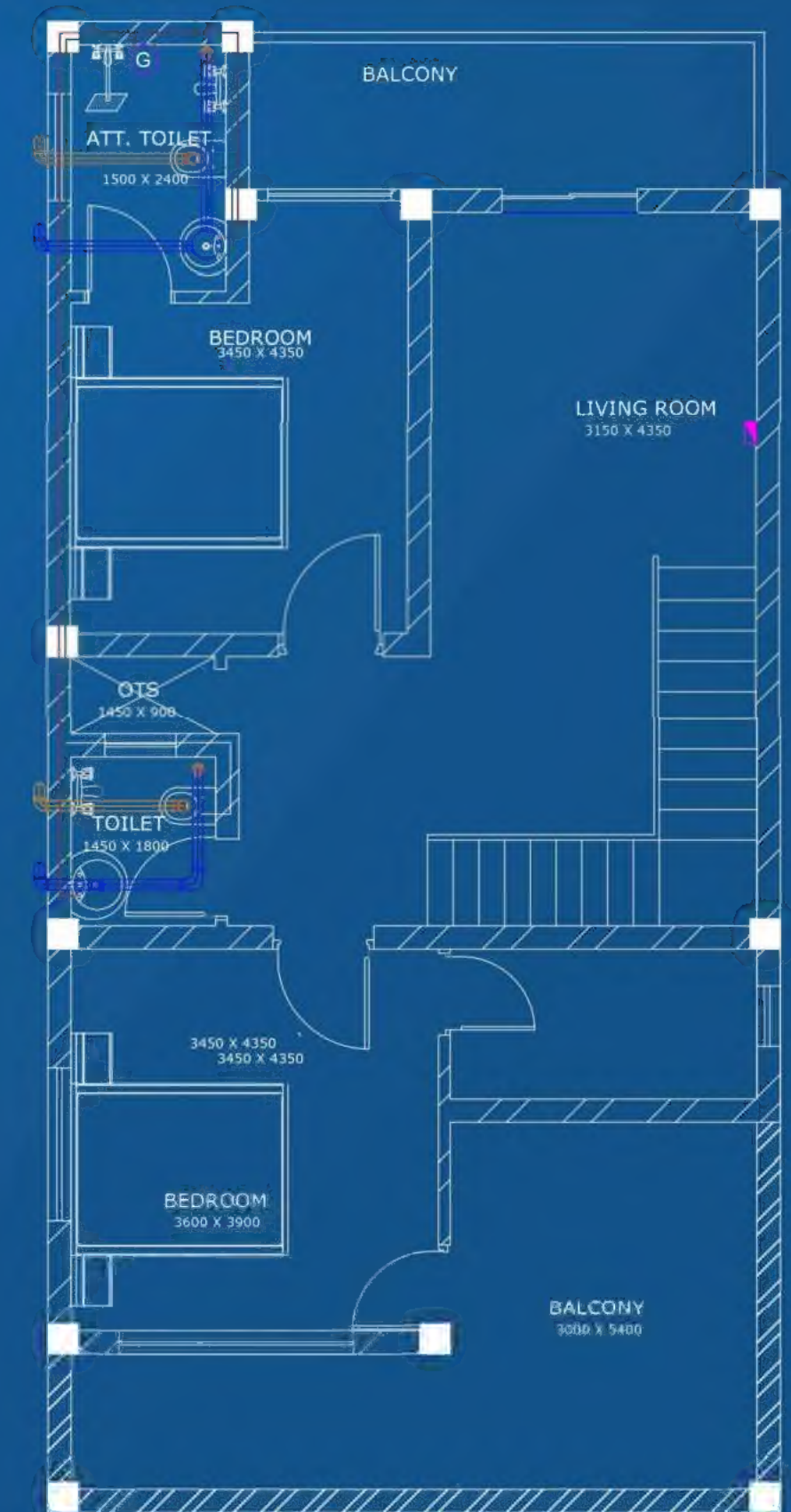


S. NO.	SYMBOL	DESCRIPTION	HT. FROM FLOOR
1		LIGHT POINT/ WALL BRACKET	2250 MM
2		CEILING LIGHT (SURFACE)	
3		MIRROR LIGHT	2000 MM
4		TUBE LIGHT (1x36w) (SURFACE)	2250 MM
5		CEILING FAN	
6		CEILING FAN POINT ONLY	
7		EXHAUST FAN	
8		5 AMP PLUG POINT	1200 MM
9		POWER POINT (5 /15 AMP)	1200 MM
10		20 AMP. A. C. POINT	1200 MM
11		T.V. ANTENNA POINT	1200 MM
12		CALL BELL PUSH	1200 MM
13		A.C. UNIT (SPLIT)	2250 MM
14		SWITCH BOARD	1200 MM
15		DISTRIBUTION BOARD	1200 MM
16		INDICATES CONTROLLING OF LIGHT / FAN FROM SWITCH BOARD	
17		AQUA GUARD	1200 MM
18		GEYSER	1500 MM
19		STRIP LIGHT - 12V	
20		STRIP LIGHT CONNECTION	
21		FOOT LAMP	500 MM
22		FAN POINT/CANDELIER	

PLUMBING PLAN



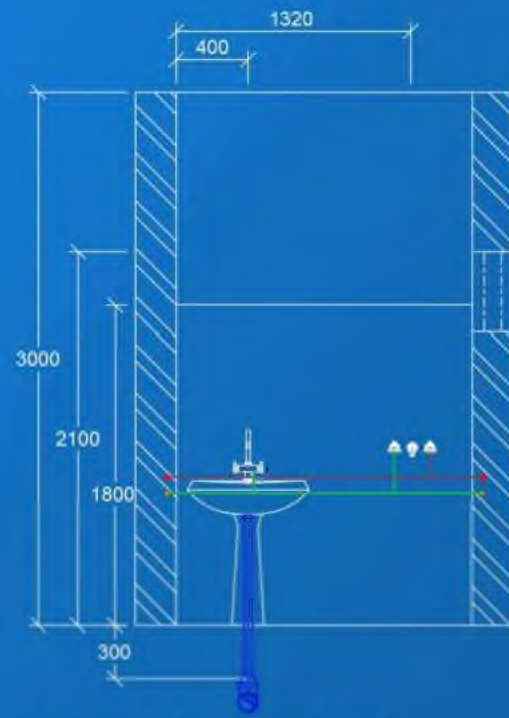
GROUND FLOOR PLAN



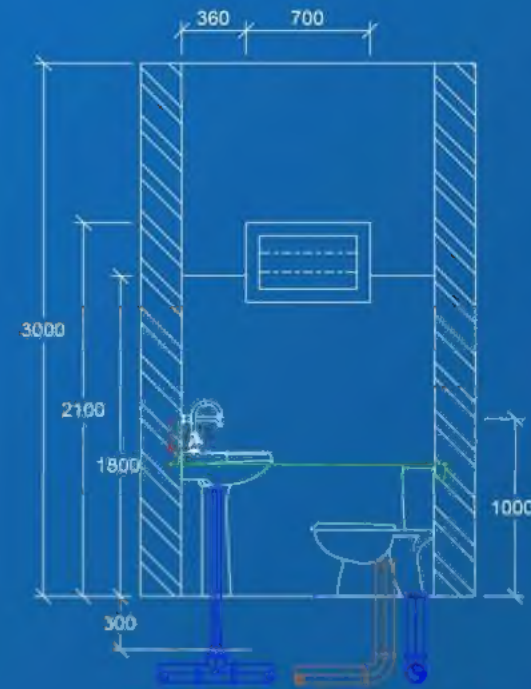
FIRST FLOOR PLAN

RED COLOR - HOT WATER PIPE 25 MM
 GREEN COLOR- NORMAL WATER PIPE 25 MM
 BLUE COLOR - GREY WATER PIPE 100MM
 ORANGE COLOR- SOIL PIPE

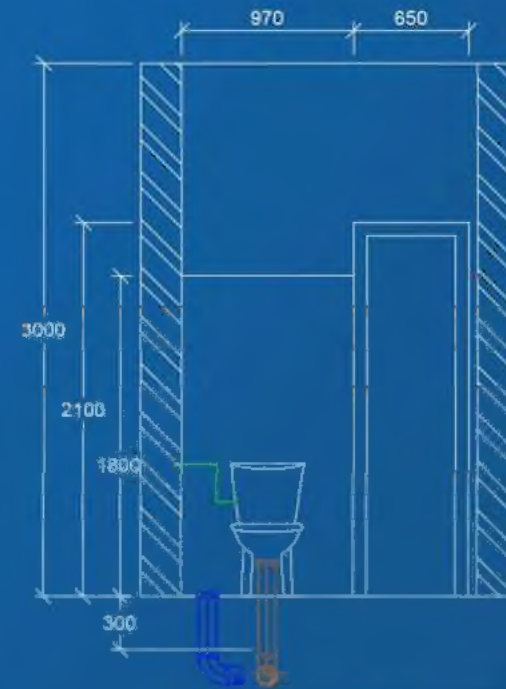
PLUMBING SECTIONS



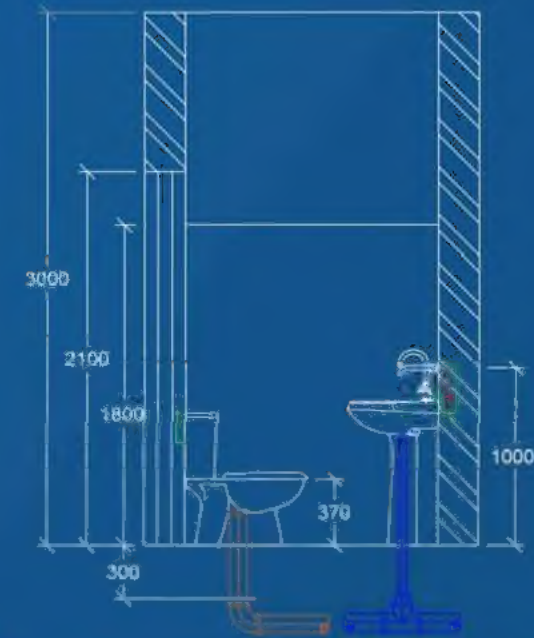
ELEVATIONAL SECTION - 1A



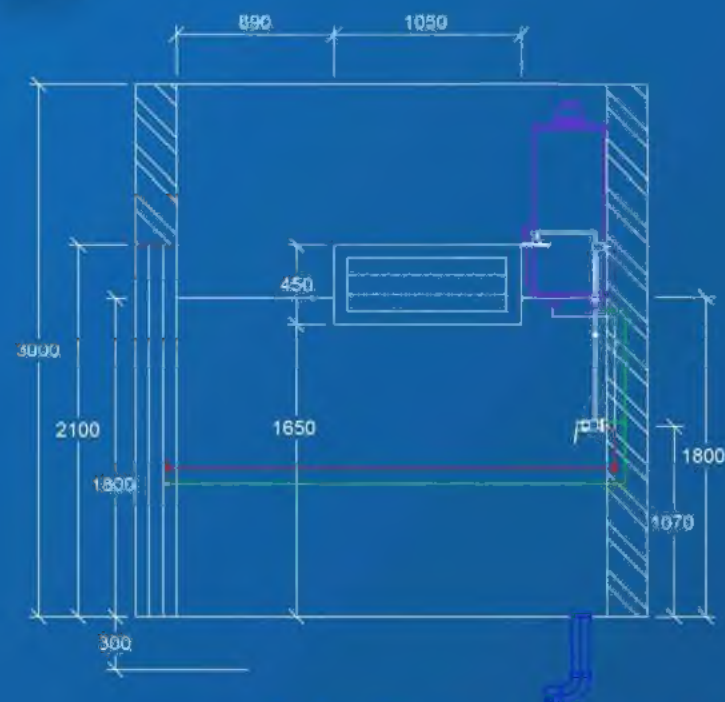
ELEVATIONAL SECTION- 1B



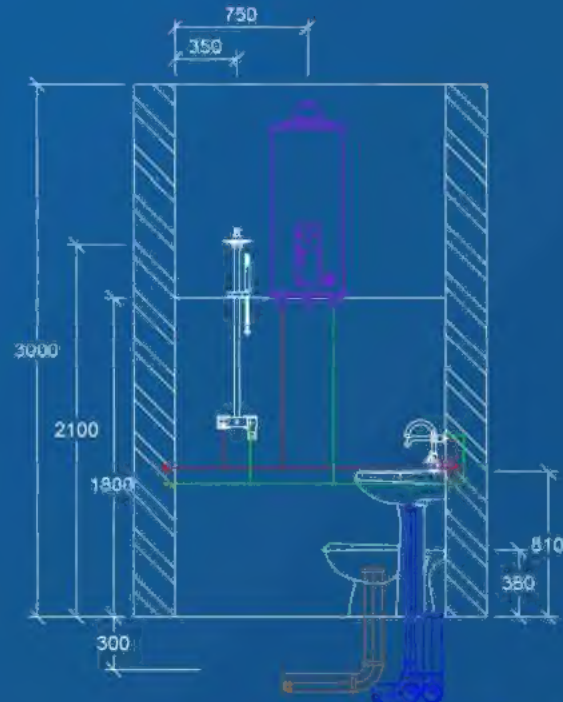
ELEVATIONAL SECTION - 1C



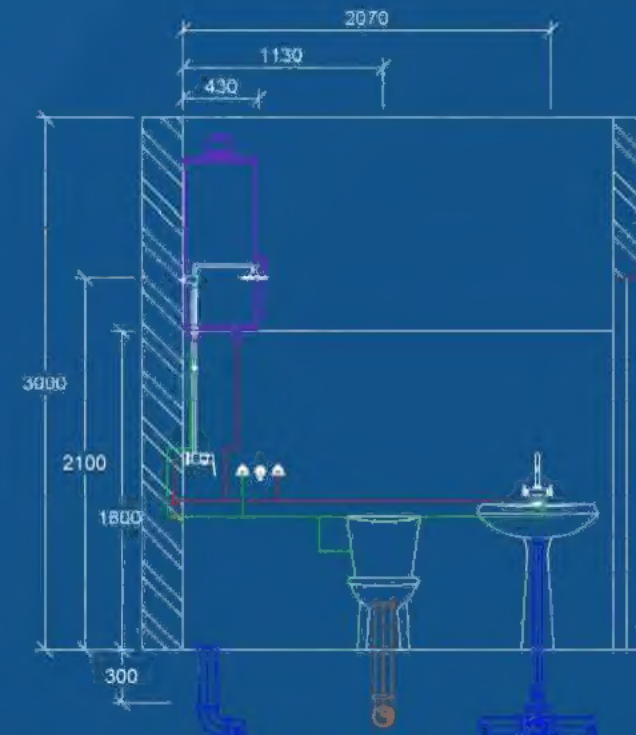
ELEVATIONAL SECTION - 1D



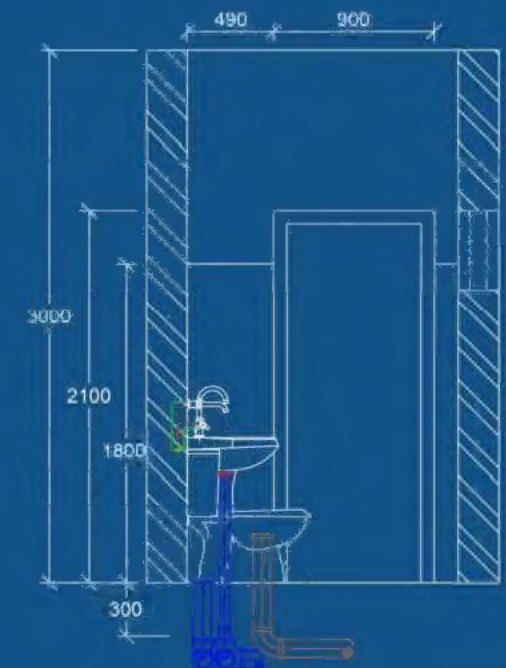
ELEVATIONAL SECTION - 2A



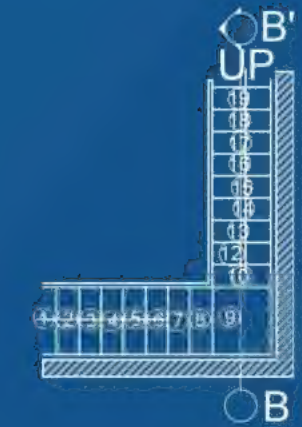
ELEVATIONAL SECTION - 2B



ELEVATIONAL SECTION - 2C



ELEVATIONAL SECTION - 2D



NO. OF STAIRS=20
TREAD= 20
RISER= 21



DETAILS

